

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100915\
 Data File : BF082160.D
 Acq On : 9 Oct 2015 22:46
 Operator : UM/IZ
 Sample : G3974-01 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 00:13:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 22:47:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	82732	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	279301	20.00	ng	0.01
38) Acenaphthene-d10	9.90	164	160453	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	211567	20.00	ng	0.02
75) Chrysene-d12	14.05	240	186841	20.00	ng	0.01
86) Perylene-d12	15.49	264	186700	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	52135	11.44	ng	0.00
7) Phenol-d6	6.48	99	68556	11.95	ng	-0.01
23) Nitrobenzene-d5	7.42	82	39517	9.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	12721	7.83	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	74156	5.65	ng	-0.01
78) Terphenyl-d14	12.97	244	57488	6.28	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.17	79	15571	3.02	ng	# 18
9) Benzaldehyde	6.40	77	13567	3.61	ng	# 1
18) Hexachloroethane	7.42	117	273300	140.64	ng	# 6
22) Acetophenone	7.25	105	12048	2.11	ng	# 55
24) Nitrobenzene	7.47	77	22097	4.86	ng	# 1
26) 2-Nitrophenol	7.73	139	5033	2.30	ng	# 1
31) Naphthalene	8.19	128	6676614	539.48	ng	# 91
32) Benzoic acid	7.94	122	2911	8.42	ng	# 1
33) 4-Chloroaniline	8.19	127	1017995	190.23	ng	# 35
35) Caprolactam	8.63	113	7634	7.40	ng	# 1
37) 2-Methylnaphthalene	8.86	142	839311	99.35	ng	# 87
45) 1,1'-Biphenyl	9.31	154	119637	9.66	ng	# 95
46) 2-Chloronaphthalene	9.39	162	81695	8.41	ng	# 52
47) 2-Nitroaniline	9.42	65	7792	2.73	ng	# 23
48) Acenaphthylene	9.77	152	1087744	69.92	ng	# 93
49) Dimethylphthalate	9.62	163	34947	3.16	ng	# 77
50) 2,6-Dinitrotoluene	9.60	165	25601	10.65	ng	# 93
51) Acenaphthene	9.94	154	1037289	112.29	ng	# 85
53) 2,4-Dinitrophenol	10.05	184	257	Below Cal		# 1
54) Dibenzofuran	10.11	168	768892	58.89	ng	# 96
55) 4-Nitrophenol	10.00	139	9751	4.85	ng	# 85
56) 2,4-Dinitrotoluene	10.08	165	41797	13.64	ng	# 52
57) Fluorene	10.47	166	2348336	261.79	ng	# 89
65) n-Nitrosodiphenylamine	10.50	169	31634	4.94	ng	# 1
70) Phenanthrene	11.45	178	6670851	678.65	ng	# 89
71) Anthracene	11.50	178	2483448	230.95	ng	# 92
72) Carbazole	11.63	167	329953	33.90	ng	# 95
73) Di-n-butylphthalate	12.02	149	10312	Below Cal		# 1
74) Fluoranthene	12.63	202	3377610	298.02	ng	# 90
77) Pyrene	12.87	202	4194077	375.75	ng	# 90
80) Benzo(a)anthracene	14.04	228	1897330	188.58	ng	# 88
82) Chrysene	14.07	228	1166522	Below Cal		# 91
85) Indeno(1,2,3-cd)pyrene	16.92	276	538326	68.40	ng	# 84
87) Benzo(b)fluoranthene	15.08	252	1598596	149.97	ng	# 88

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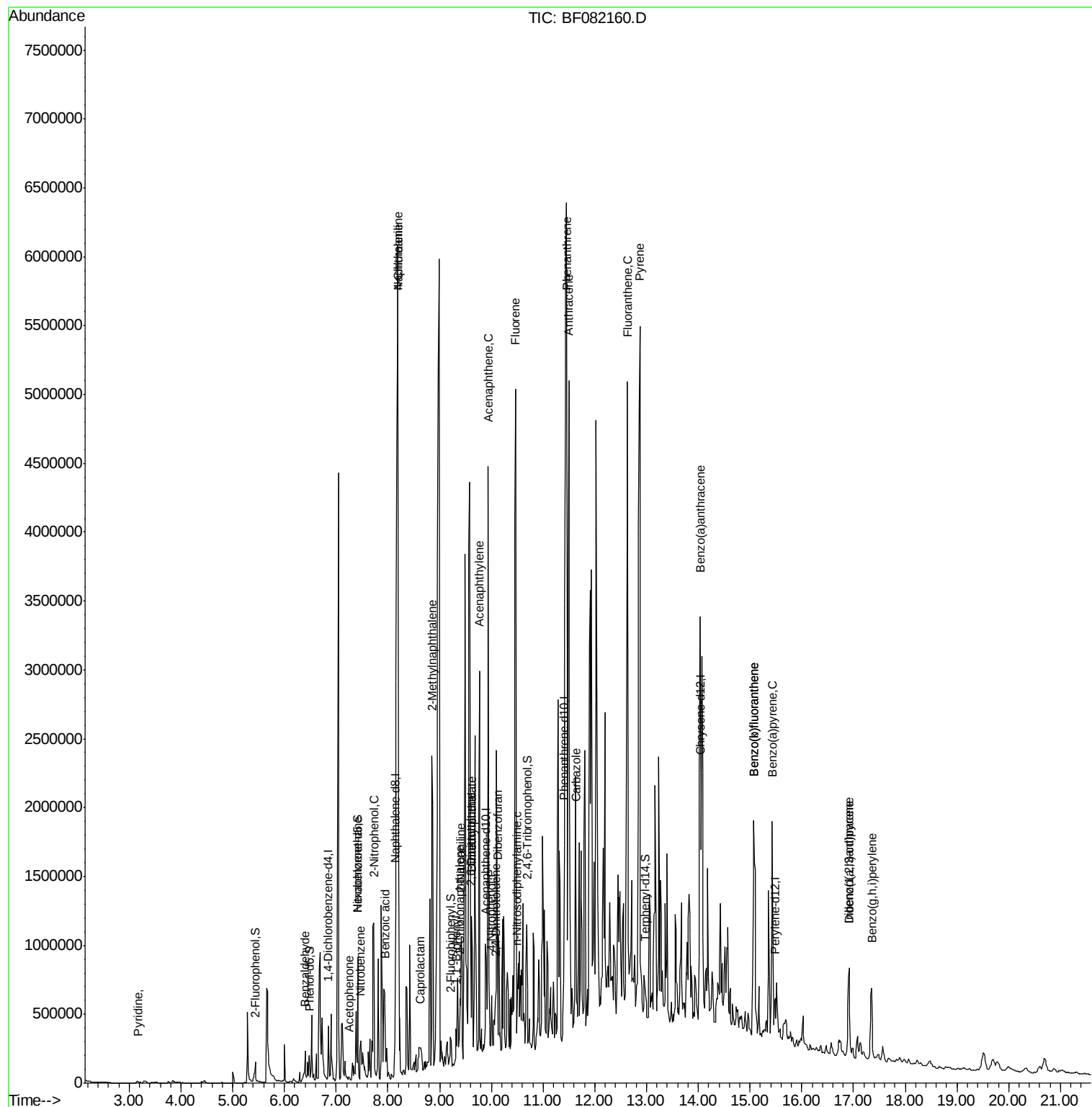
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(k)fluoranthene	15.08	252	1598596	163.63	nq	# 89
89) Benzo(a)pyrene	15.43	252	953705	103.15	nq	# 86
90) Dibenzo(a,h)anthracene	16.92	278	128607	16.58	nq	# 64
91) Benzo(g,h,i)perylene	17.35	276	499075	62.78	nq	# 75

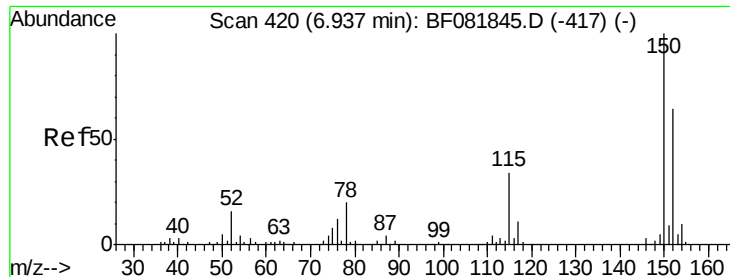
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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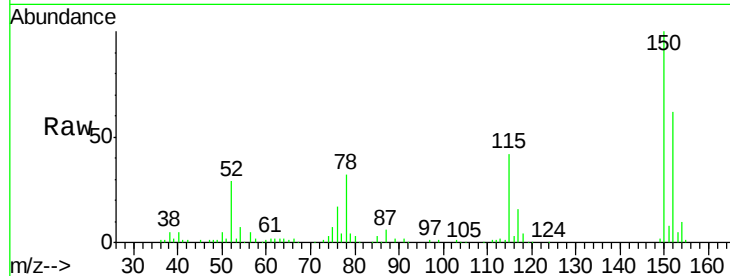


#1

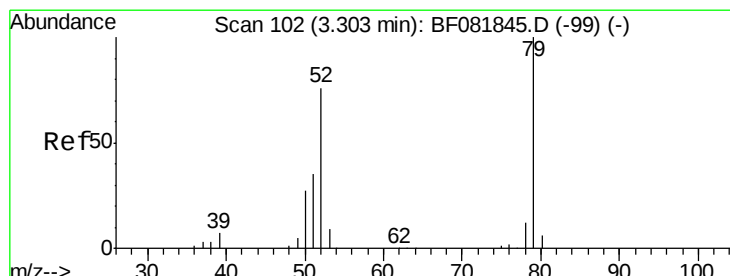
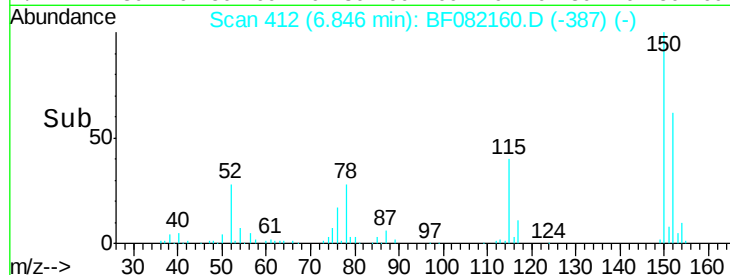
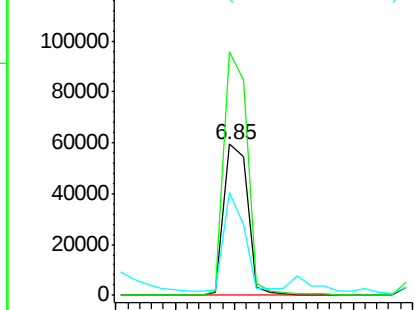
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82732
Ion Ratio Lower Upper
152 100
150 161.4 124.7 187.1
115 68.4 39.0 58.4#



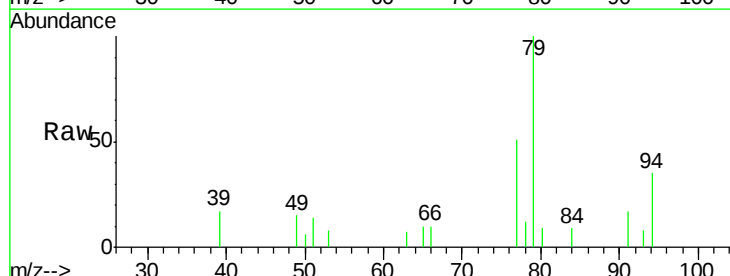
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



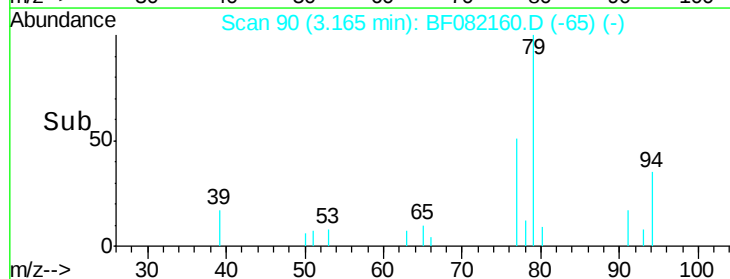
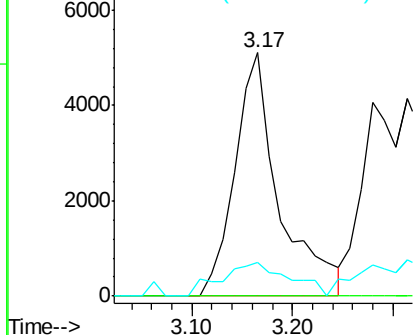
#3

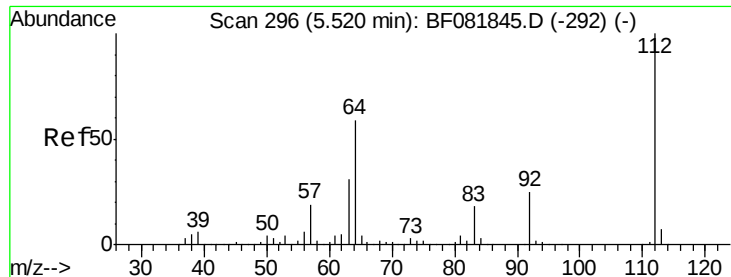
Pyridine
Concen: 3.02 ng
RT: 3.17 min Scan# 90
Delta R.T. -0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion: 79 Resp: 15571
Ion Ratio Lower Upper
79 100
52 0.0 76.8 115.2#
51 13.7 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0





#5

2-Fluorophenol

Concen: 11.44 ng

RT: 5.44 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

Instrument :

BNA_F

ClientSampled :

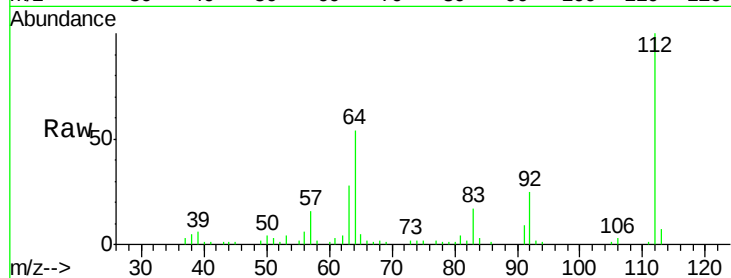
Tot Ion:112 Resp: 52135

Ion Ratio Lower Upper

112 100

64 53.5 39.7 59.5

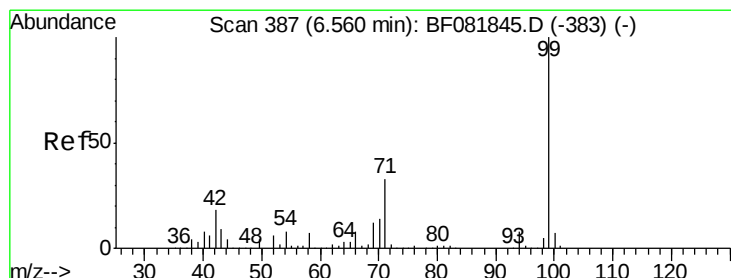
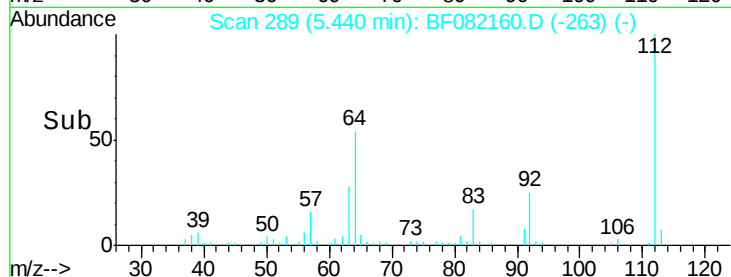
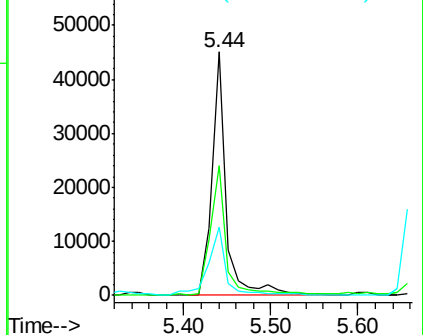
63 28.1 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 11.95 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

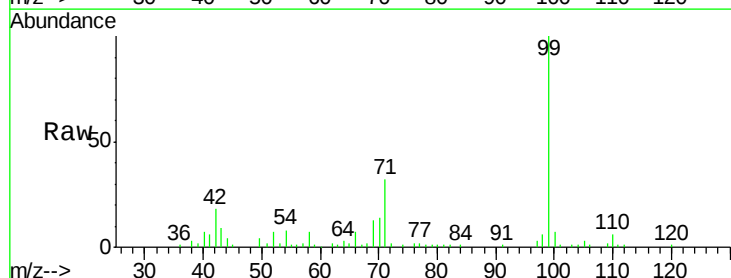
Tgt Ion: 99 Resp: 68556

Ion Ratio Lower Upper

99 100

42 17.9 13.7 20.5

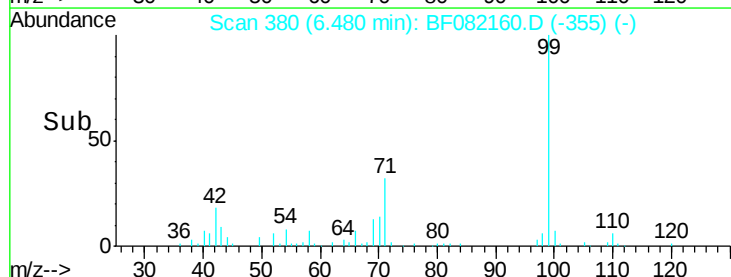
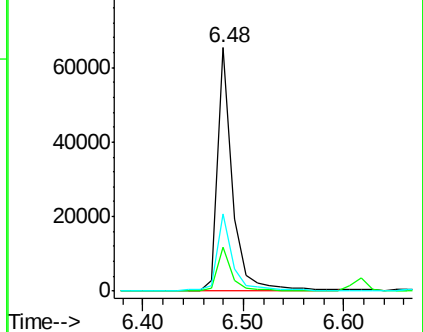
71 31.7 14.2 21.2#

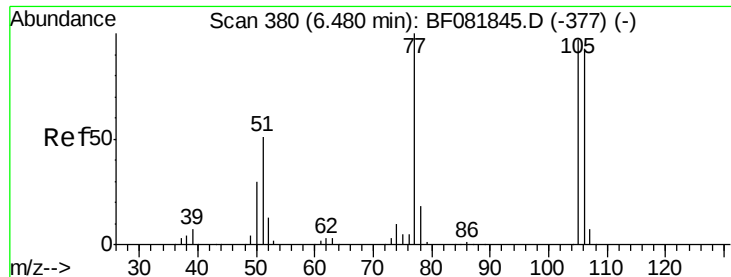


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

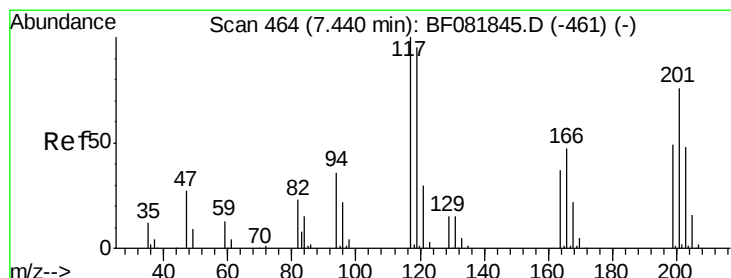
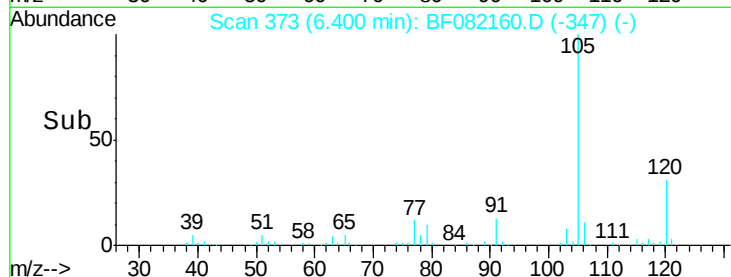
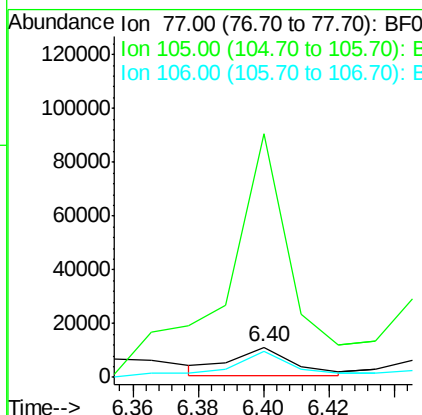
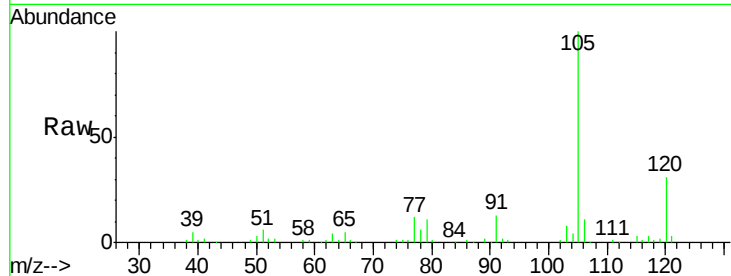




#9
Benzaldehyde
Concen: 3.61 ng
RT: 6.40 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

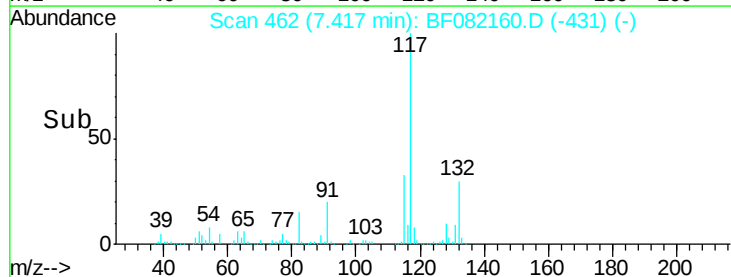
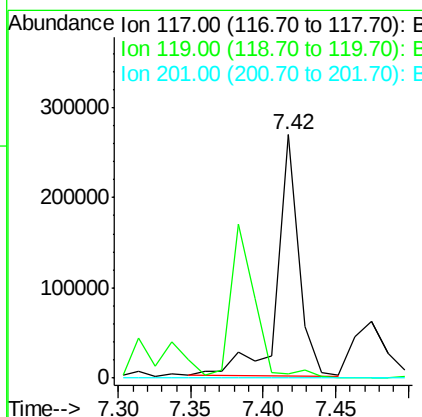
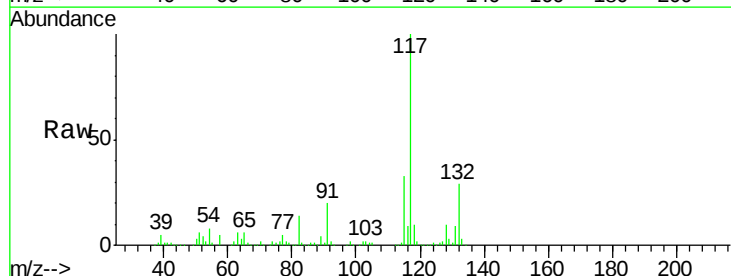
Instrument :
BNA_F
ClientSampled :

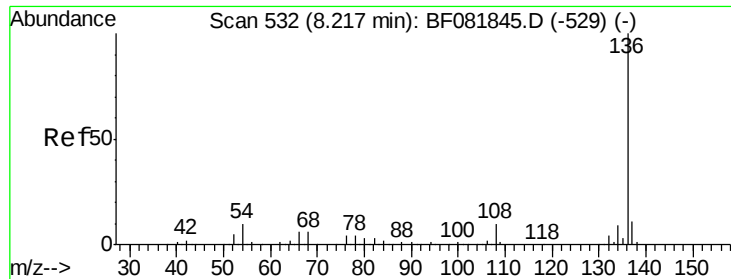
Tot Ion: 77 Resp: 13567
Ion Ratio Lower Upper
77 100
105 802.8 91.6 131.6#
106 84.9 102.6 142.6#



#18
Hexachloroethane
Concen: 140.64 ng
RT: 7.42 min Scan# 462
Delta R.T. 0.06 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion: 117 Resp: 273300
Ion Ratio Lower Upper
117 100
119 1.6 83.8 125.6#
201 0.0 55.1 82.7#

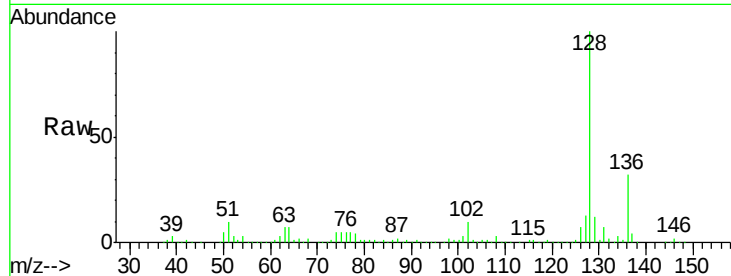




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	279301
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	8.6	8.2 12.2
68	5.2	5.8 8.6#



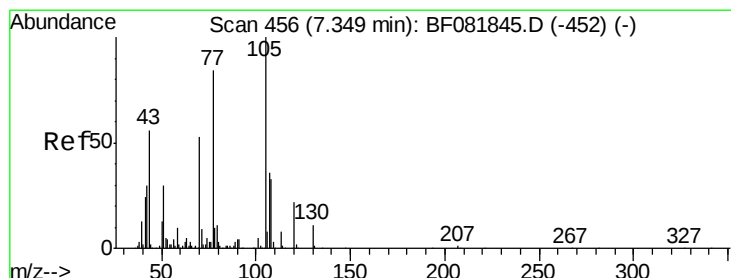
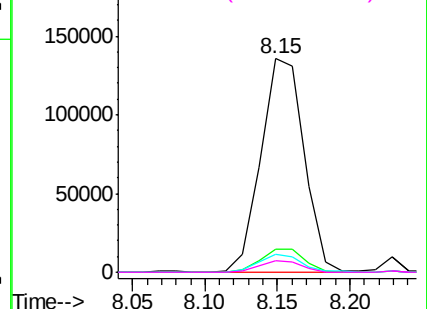
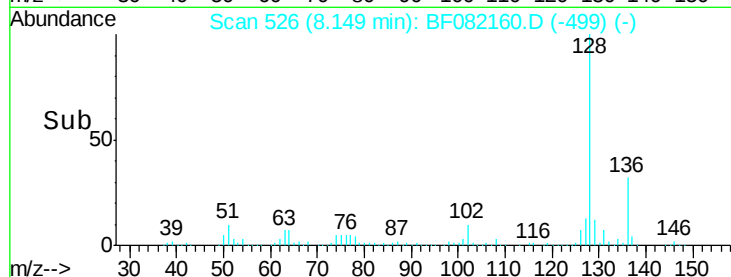
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

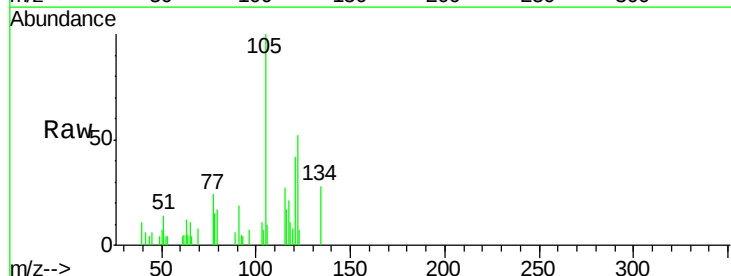
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 2.11 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:105	Resp:	12048
Ion Ratio	Lower	Upper
105	100	
71	0.0	4.7 7.1#
51	13.8	22.0 33.0#
120	0.0	30.1 45.1#



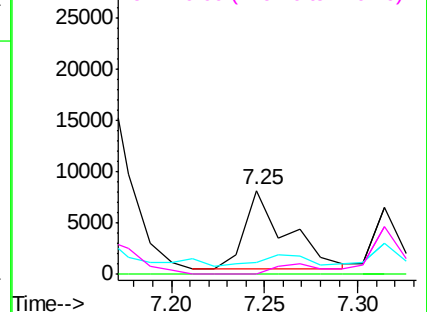
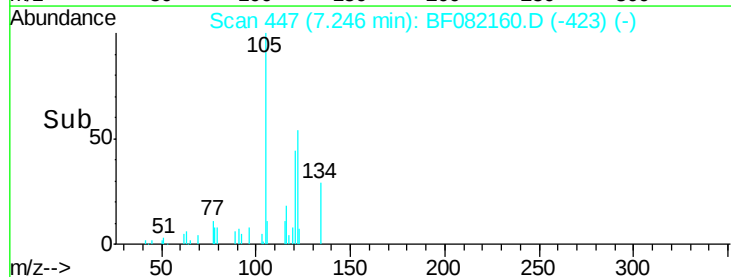
Abundance

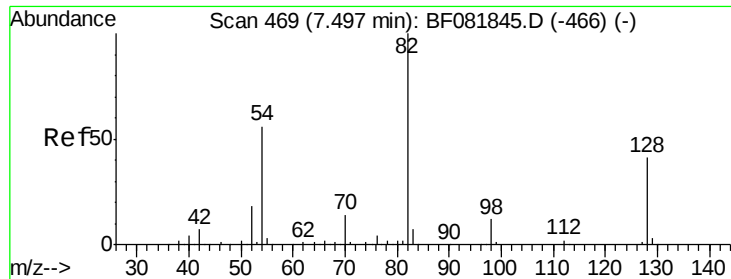
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

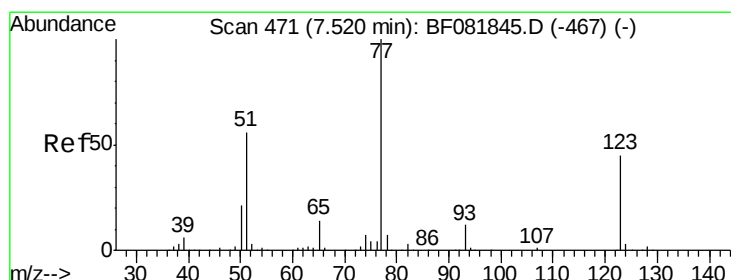
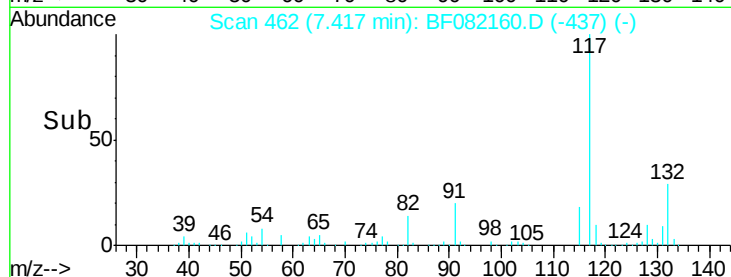
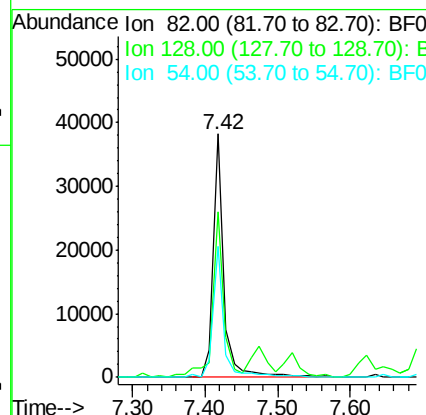
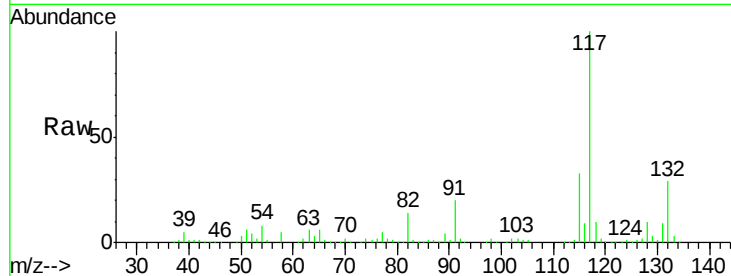




#23
 Nitrobenzene-d5
 Concen: 9.43 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF082160.D
 Acq: 9 Oct 2015 22:46

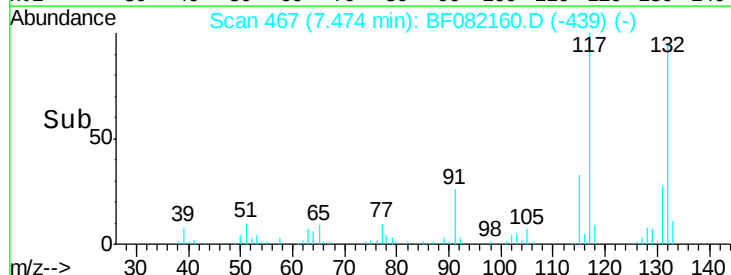
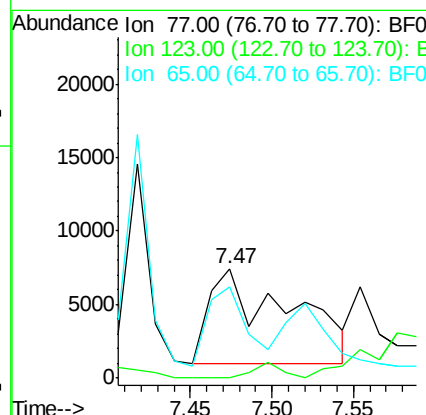
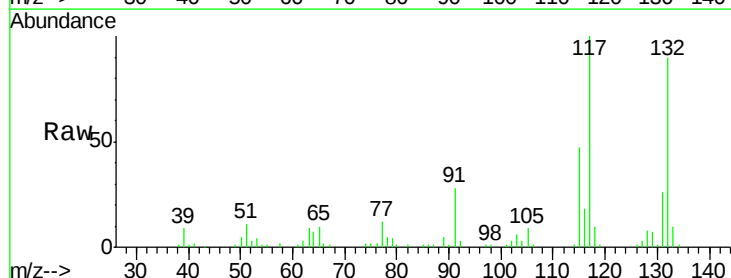
Instrument :
 BNA_F
 ClientSampled :

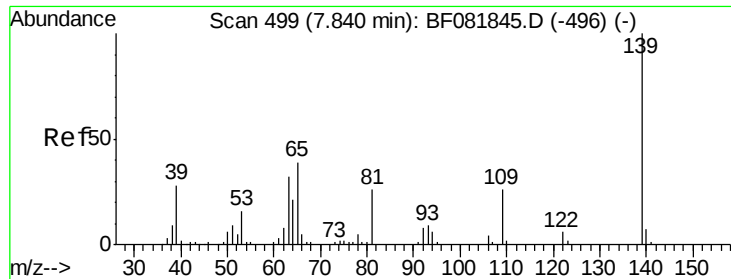
Tot Ion	82	Resp	39517
Ion Ratio	100	Lower	Upper
128	67.9	51.0	76.6
54	53.9	47.5	71.3



#24
 Nitrobenzene
 Concen: 4.86 ng
 RT: 7.47 min Scan# 467
 Delta R.T. 0.02 min
 Lab File: BF082160.D
 Acq: 9 Oct 2015 22:46

Tgt Ion	77	Resp	22097
Ion Ratio	100	Lower	Upper
123	0.0	59.8	89.8#
65	83.5	10.2	15.4#





#26

2-Nitrophenol

Concen: 2.30 ng

RT: 7.73 min Scan# 489

Delta R.T. -0.03 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

Instrument :

BNA_F

ClientSampleId :

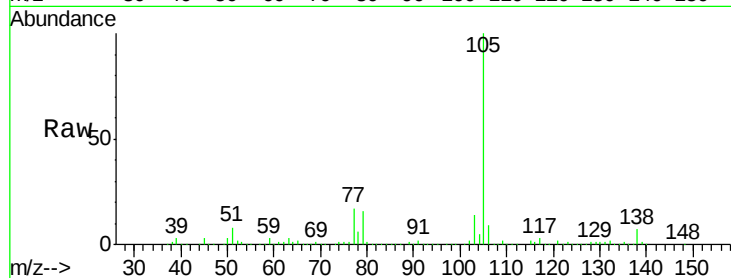
Tot Ion:139 Resp: 5033

Ion Ratio Lower Upper

139 100

109 374.2 11.0 16.4#

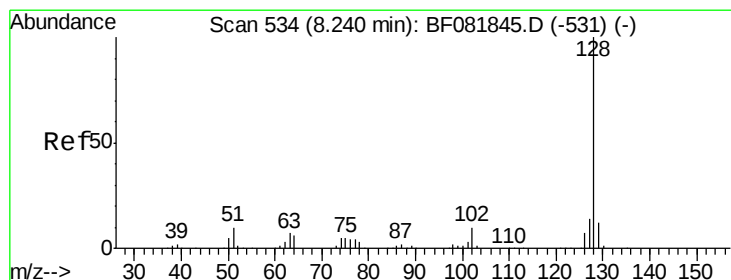
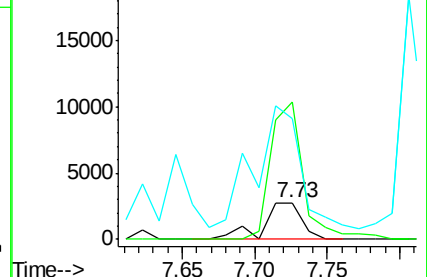
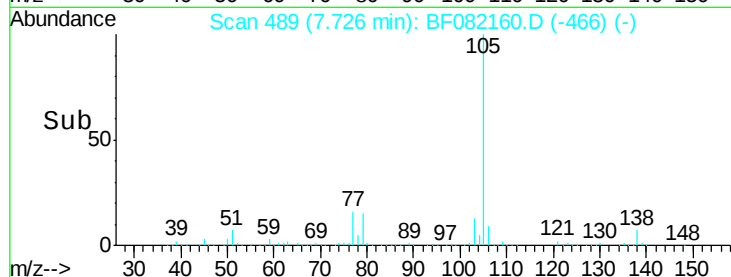
65 331.3 24.7 37.1#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#31

Naphthalene

Concen: 539.48 ng

RT: 8.19 min Scan# 530

Delta R.T. 0.03 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

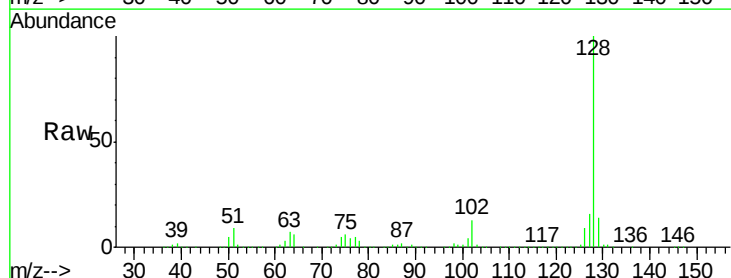
Tgt Ion:128 Resp: 6676614

Ion Ratio Lower Upper

128 100

129 13.6 8.4 12.6#

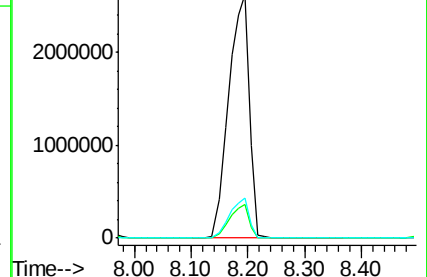
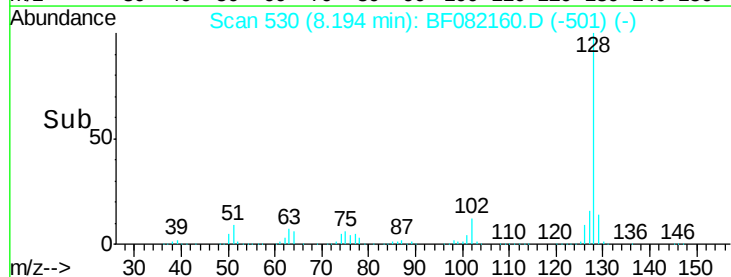
127 16.3 9.9 14.9#

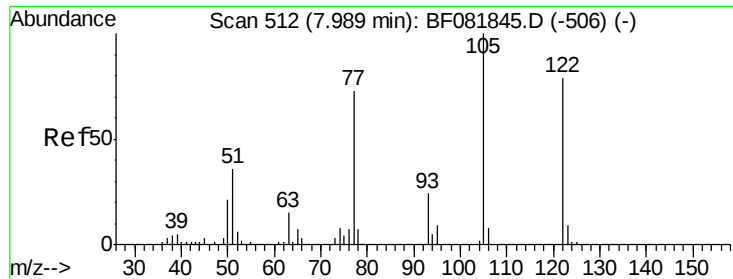


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

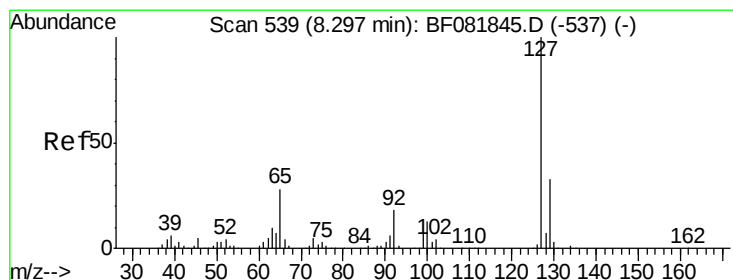
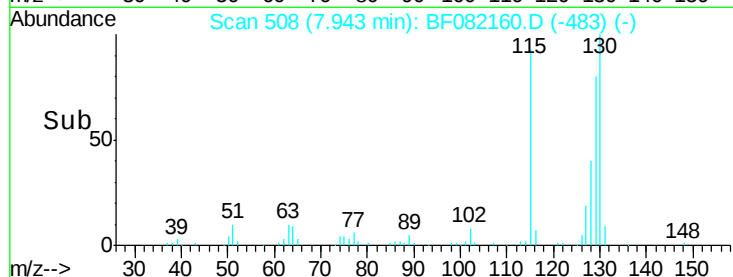
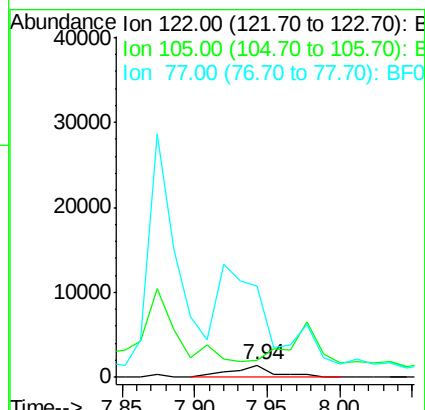
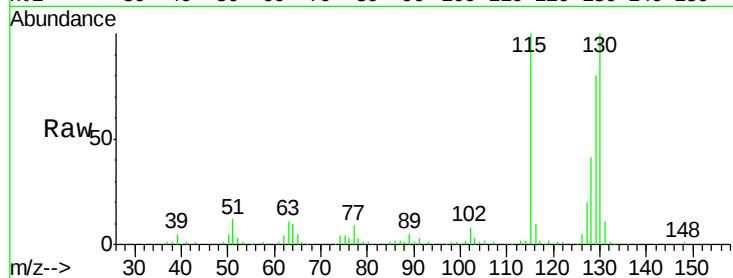




#32
Benzoic acid
Concen: 8.42 ng
RT: 7.94 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

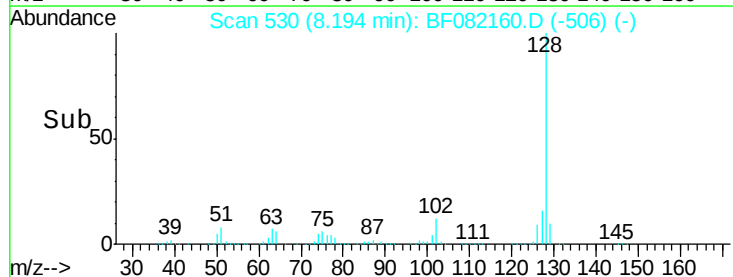
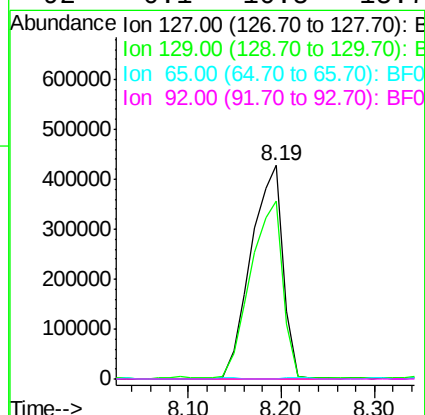
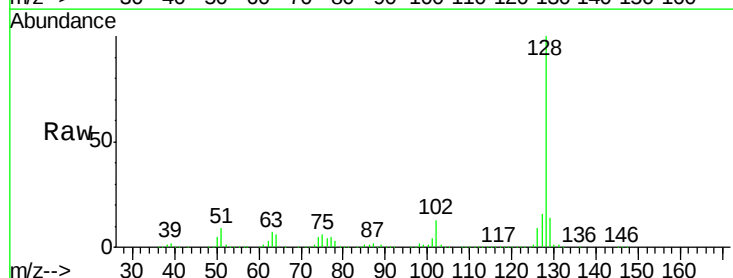
Instrument :
BNA_F
ClientSampleId :

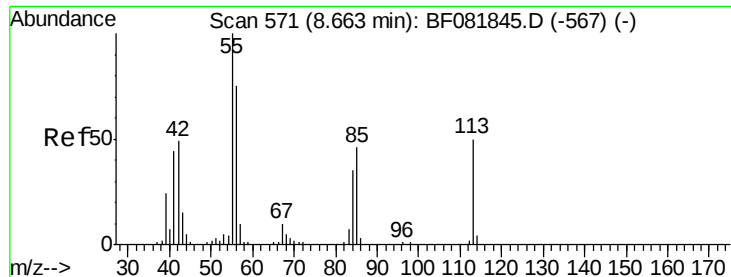
Tot Ion:122 Resp: 2911
Ion Ratio Lower Upper
122 100
105 145.9 76.1 116.1#
77 765.4 40.5 80.5#



#33
4-Chloroaniline
Concen: 190.23 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:127 Resp: 1017995
Ion Ratio Lower Upper
127 100
129 83.5 25.8 38.6#
65 0.0 17.9 26.9#
92 0.1 10.5 15.7#

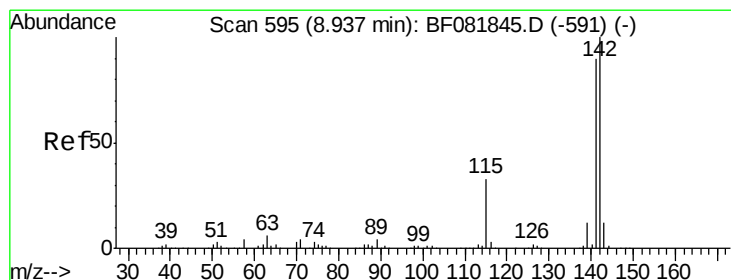
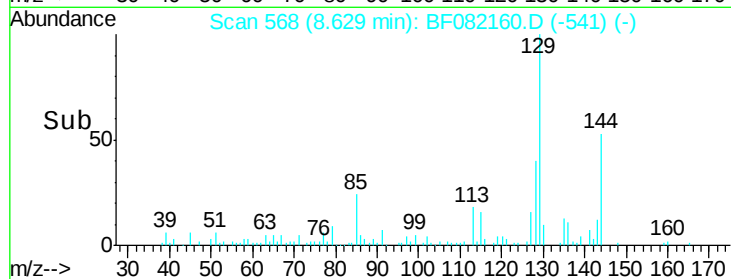
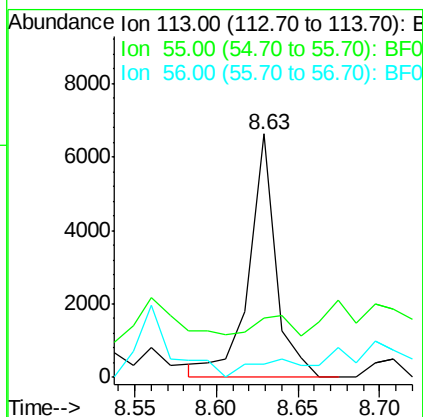
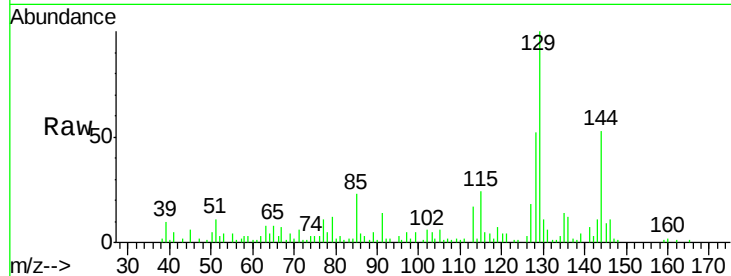




#35
Caprolactam
Concen: 7.40 ng
RT: 8.63 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

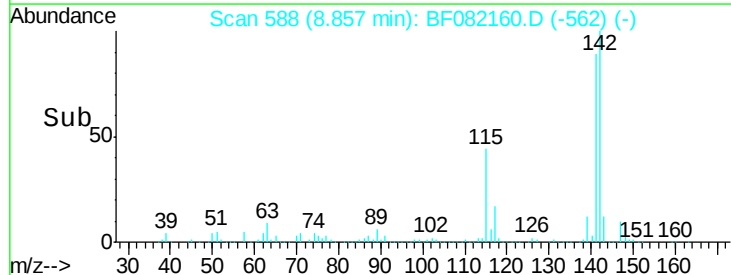
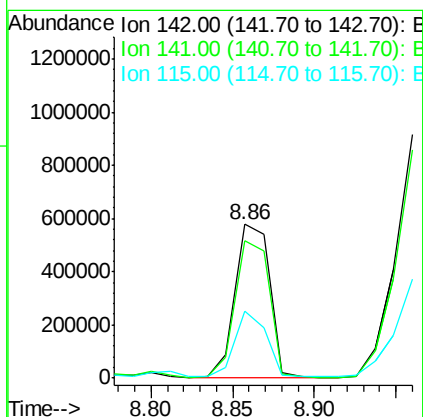
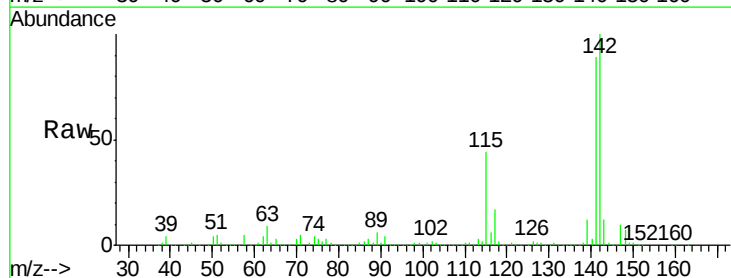
Instrument :
BNA_F
ClientSampleId :

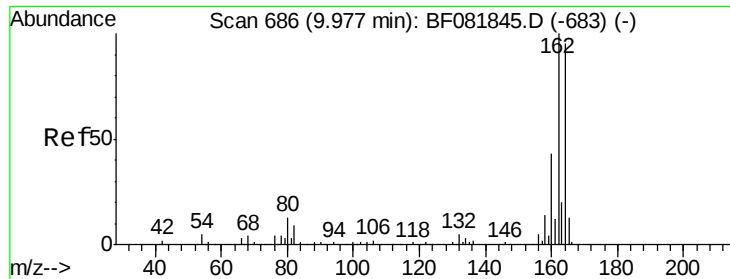
Tot Ion:113 Resp: 7634
Ion Ratio Lower Upper
113 100
55 24.4 152.4 192.4#
56 5.6 104.6 144.6#



#37
2-Methylnaphthalene
Concen: 99.35 ng
RT: 8.86 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:142 Resp: 839311
Ion Ratio Lower Upper
142 100
141 89.2 67.5 101.3
115 43.9 18.2 27.2#

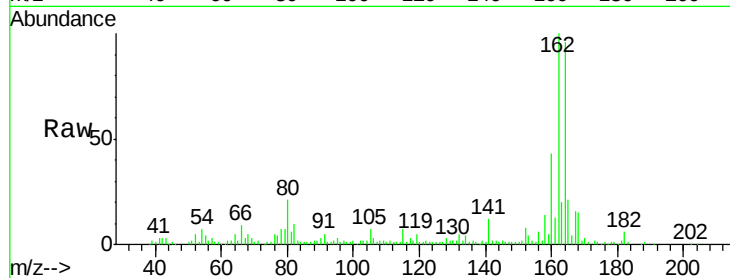




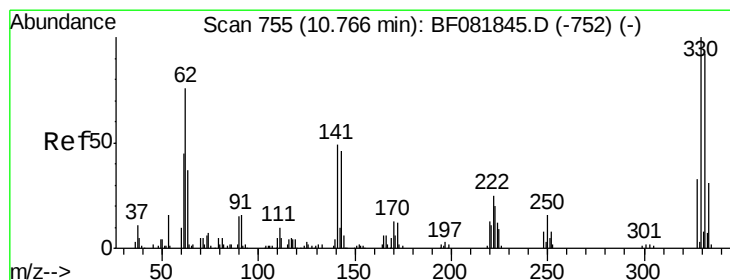
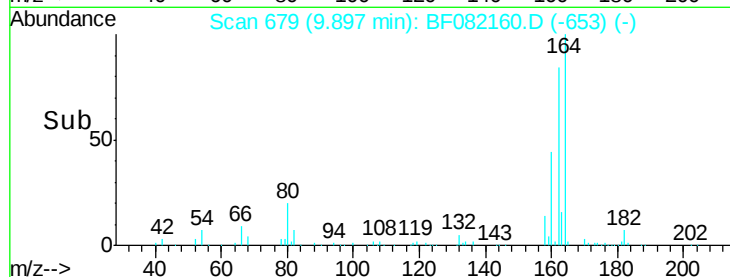
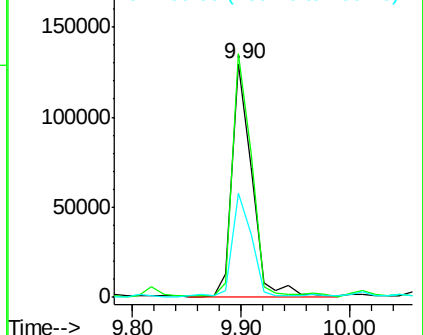
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 160453
Ion Ratio Lower Upper
164 100
162 104.2 75.2 112.8
160 44.3 31.5 47.3

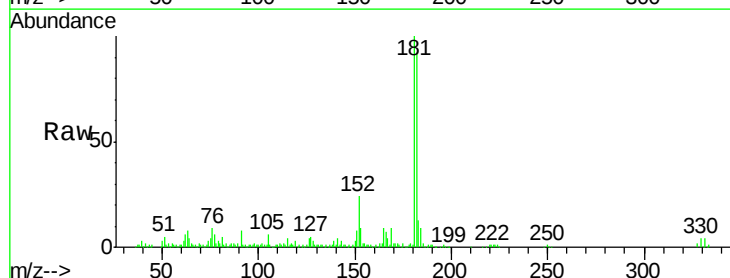


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

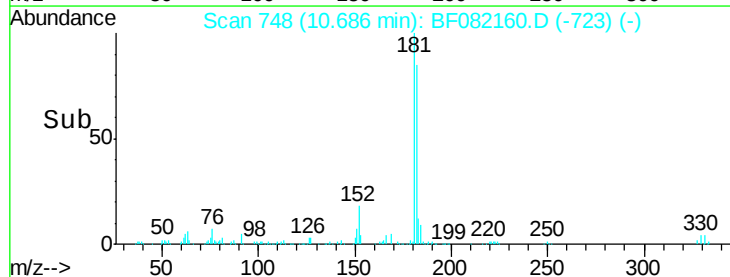
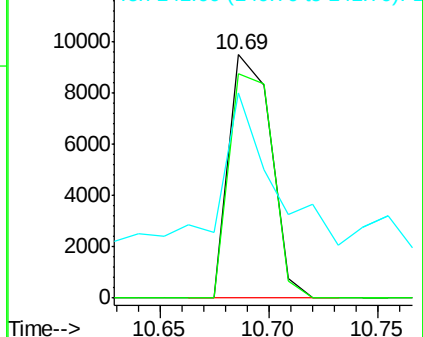


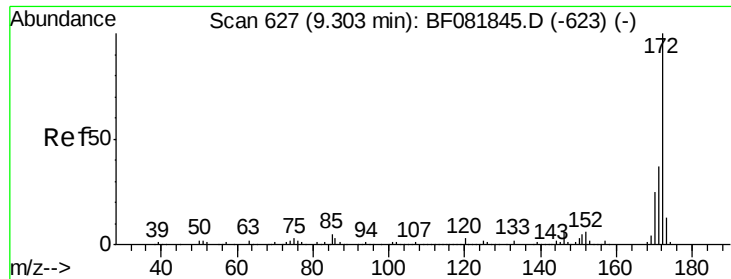
#41
2,4,6-Tribromophenol
Concen: 7.83 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:330 Resp: 12721
Ion Ratio Lower Upper
330 100
332 96.0 76.6 114.8
141 70.6 29.7 44.5#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

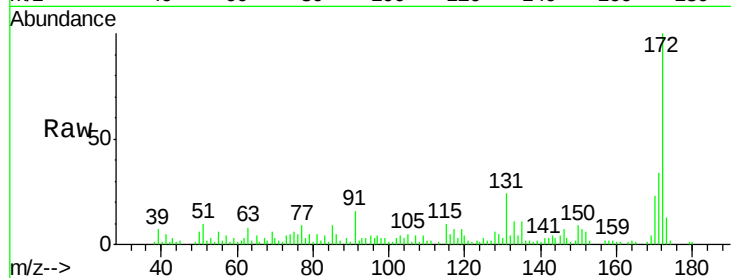




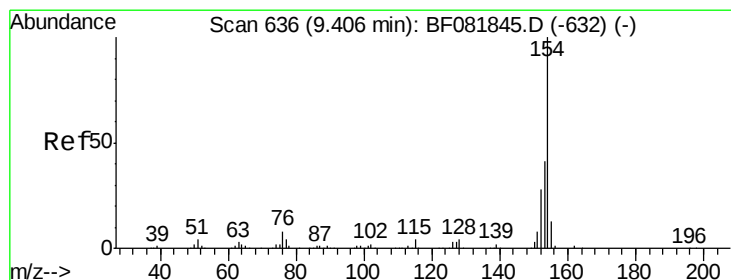
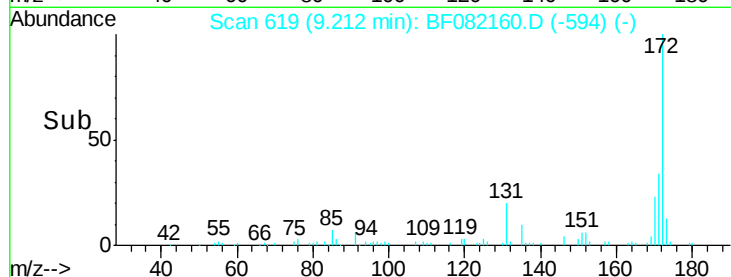
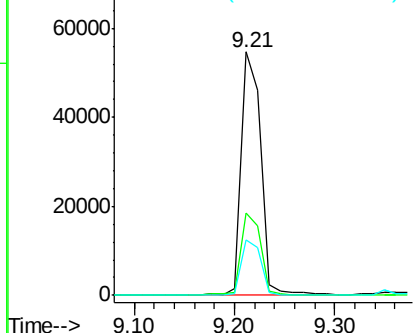
#44
2-Fluorobiphenyl
Concen: 5.65 ng
RT: 9.21 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 74156
Ion Ratio Lower Upper
172 100
171 33.7 26.1 39.1
170 22.5 17.4 26.2

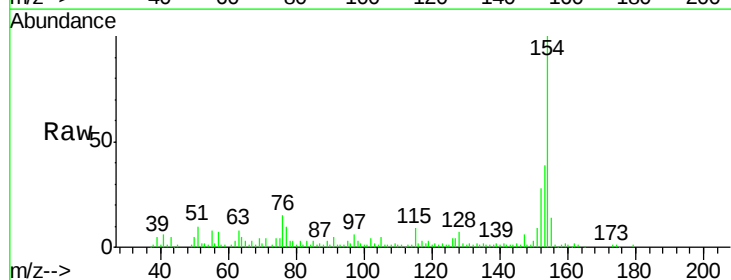


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

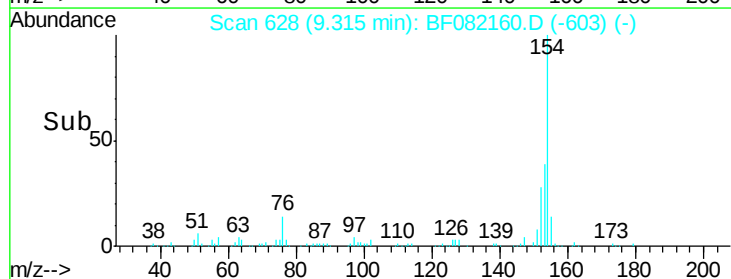
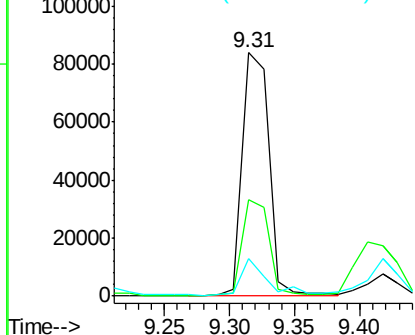


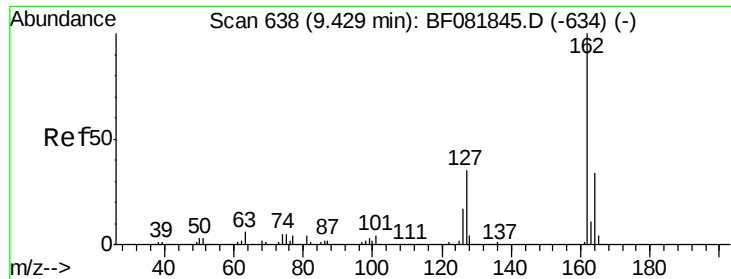
#45
1,1'-Biphenyl
Concen: 9.66 ng
RT: 9.31 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:154 Resp: 119637
Ion Ratio Lower Upper
154 100
153 39.5 17.1 57.1
76 15.2 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

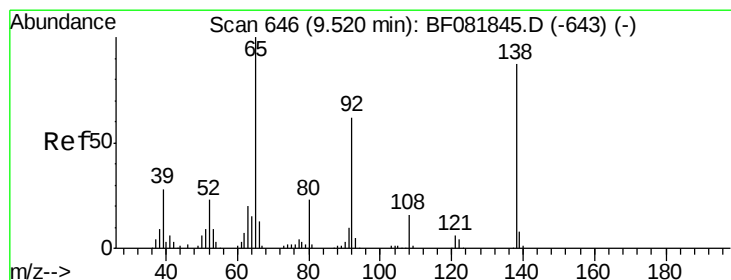
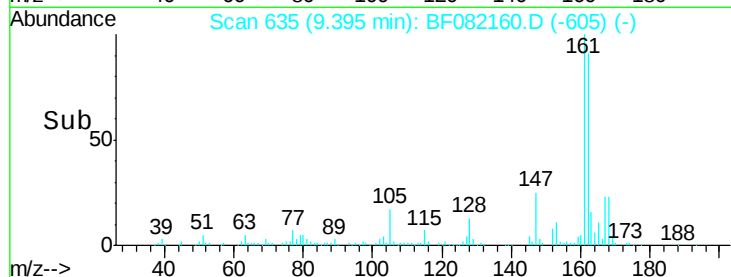
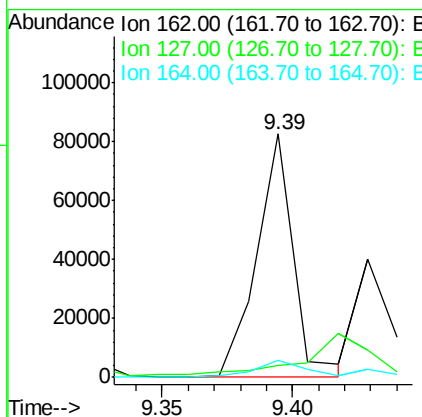
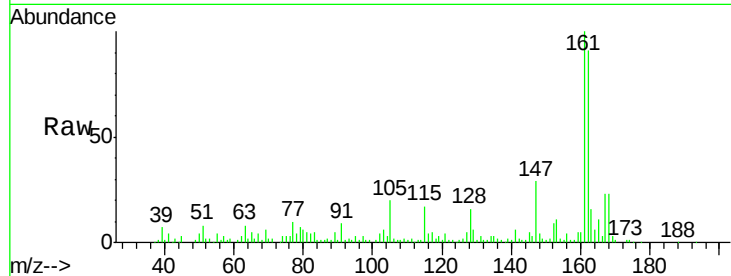




#46
 2-Chloronaphthalene
 Concen: 8.41 ng
 RT: 9.39 min Scan# 635
 Delta R.T. 0.05 min
 Lab File: BF082160.D
 Acq: 9 Oct 2015 22:46

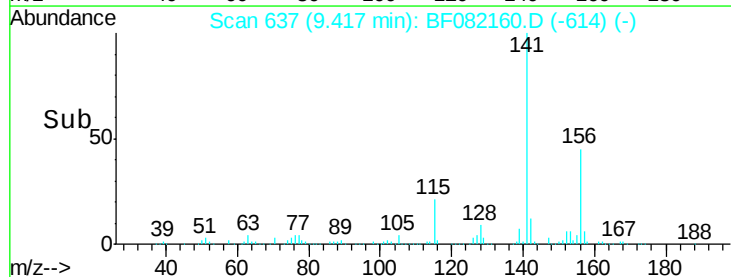
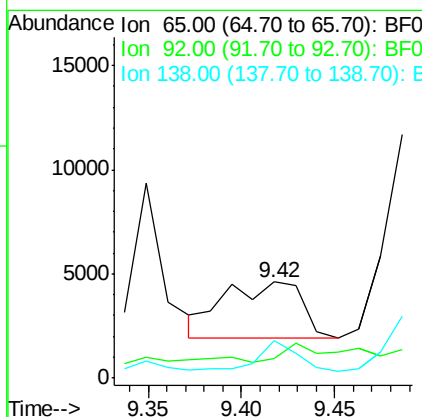
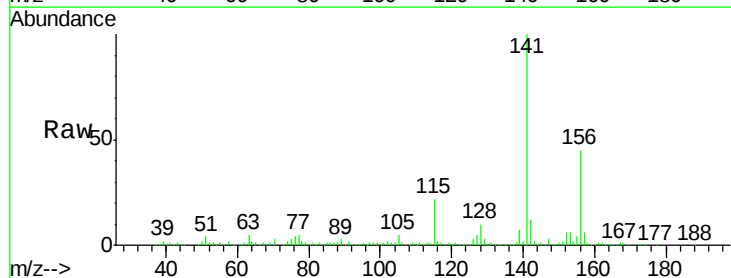
Instrument :
 BNA_F
 ClientSampleId :

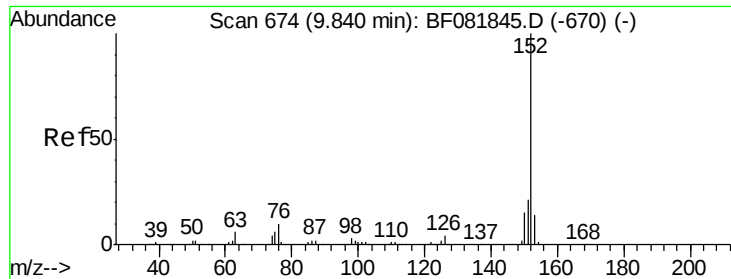
Tot Ion	Ratio	Lower	Upper
162	100		
127	5.2	27.6	41.4#
164	6.9	25.4	38.2#



#47
 2-Nitroaniline
 Concen: 2.73 ng
 RT: 9.42 min Scan# 637
 Delta R.T. -0.03 min
 Lab File: BF082160.D
 Acq: 9 Oct 2015 22:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	19.8	55.4	83.0#
138	38.6	115.5	173.3#





#48

Acenaphthylene

Concen: 69.92 ng

RT: 9.77 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

Instrument :

BNA_F

ClientSampleId :

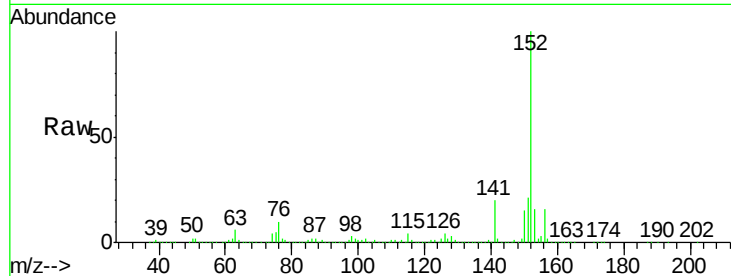
Tot Ion:152 Resp: 1087744

Ion Ratio Lower Upper

152 100

151 21.3 14.6 22.0

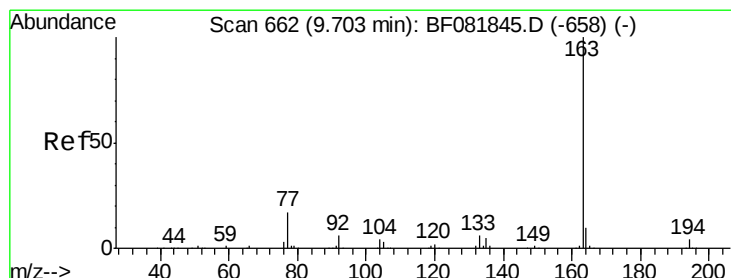
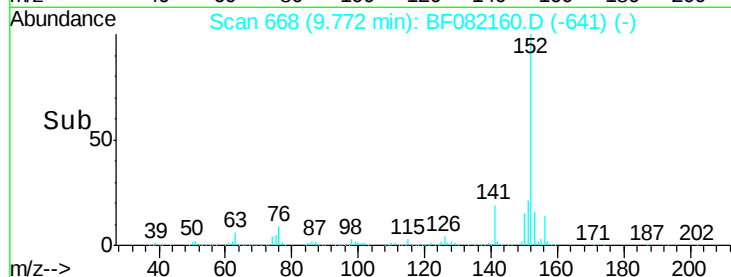
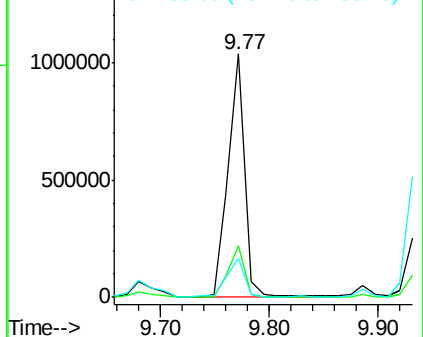
153 16.0 10.3 15.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 3.16 ng

RT: 9.62 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

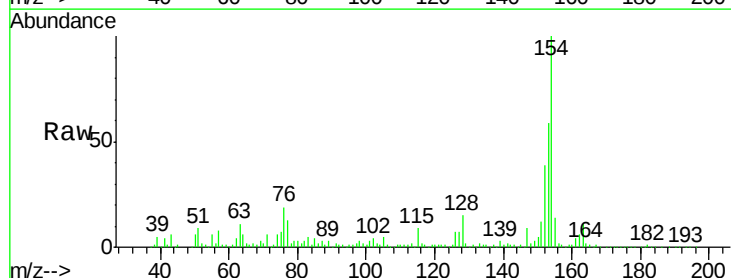
Tgt Ion:163 Resp: 34947

Ion Ratio Lower Upper

163 100

194 4.0 4.4 6.6#

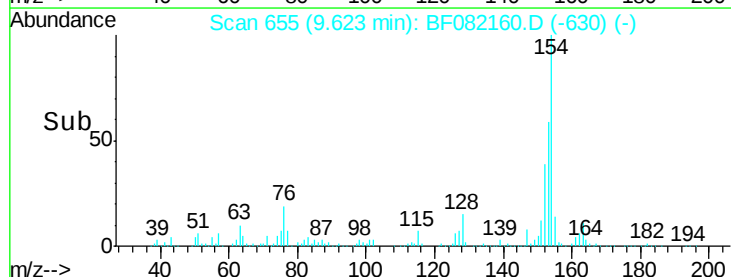
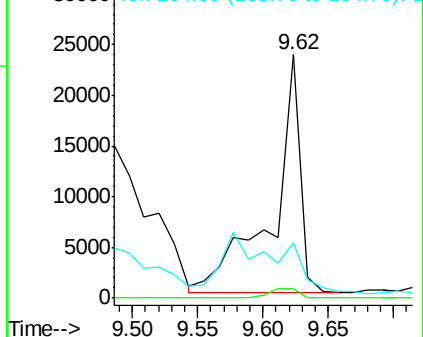
164 22.8 8.3 12.5#

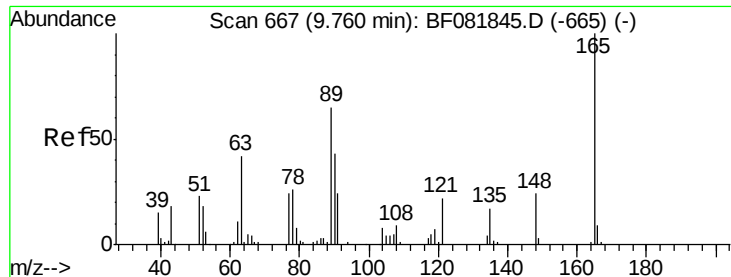


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

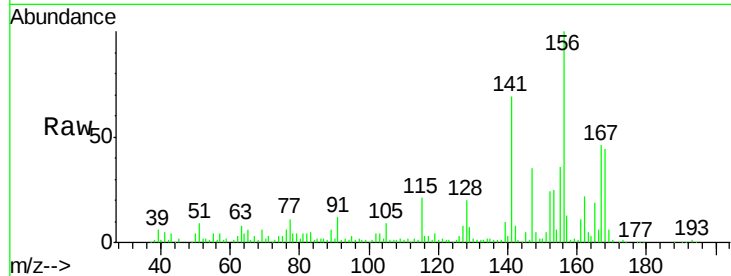




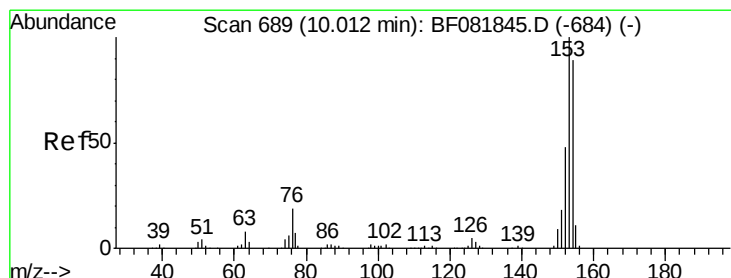
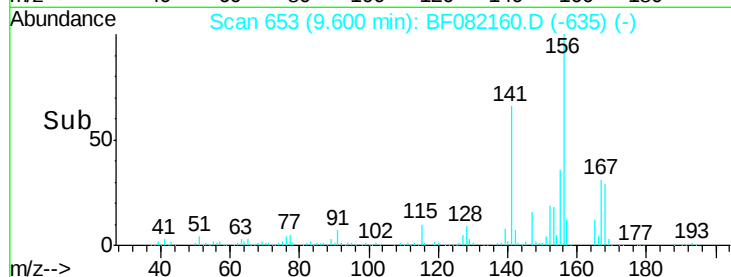
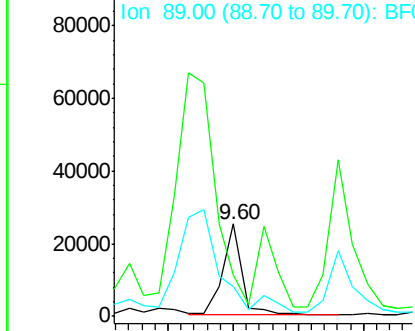
#50
2,6-Dinitrotoluene
Concen: 10.65 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.09 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 25601
Ion Ratio Lower Upper
165 100
63 44.6 32.3 48.5
89 31.8 28.6 43.0

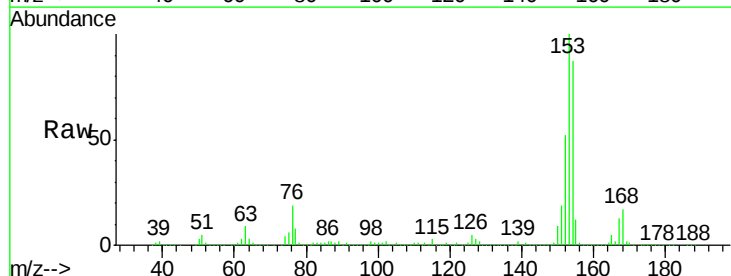


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

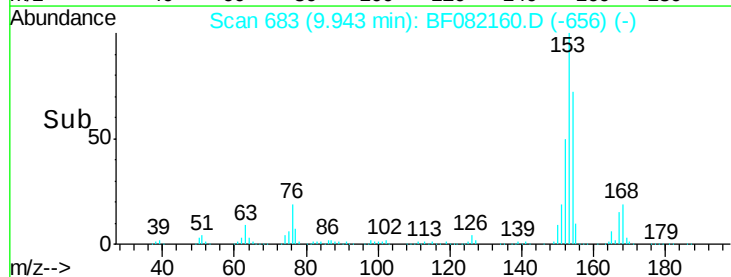
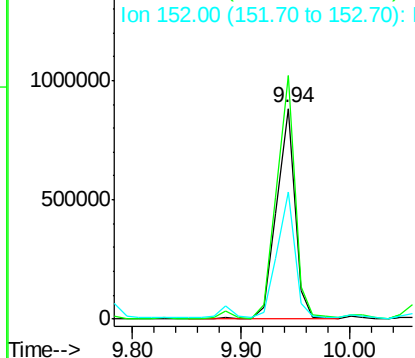


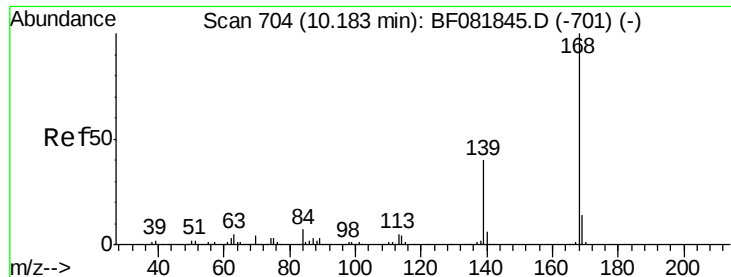
#51
Acenaphthene
Concen: 112.29 ng
RT: 9.94 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:154 Resp: 1037289
Ion Ratio Lower Upper
154 100
153 115.6 82.1 123.1
152 60.2 37.9 56.9#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

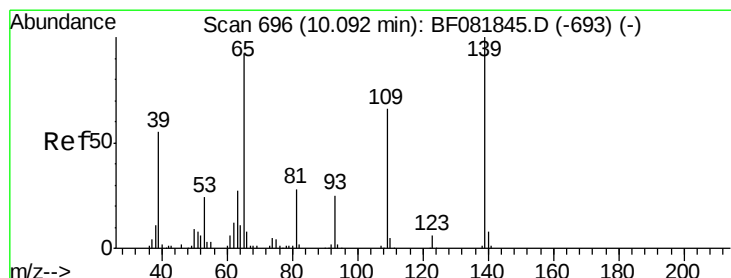
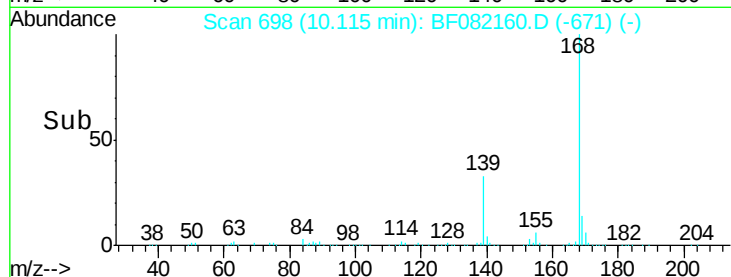
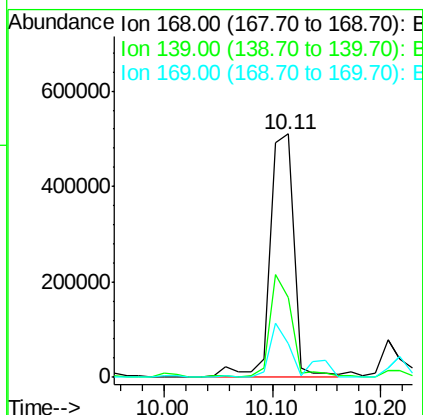
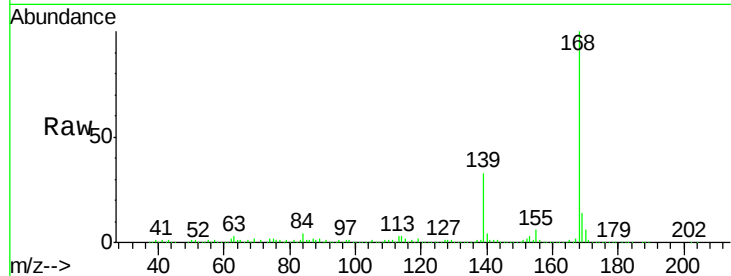




#54
Dibenzofuran
Concen: 58.89 ng
RT: 10.11 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

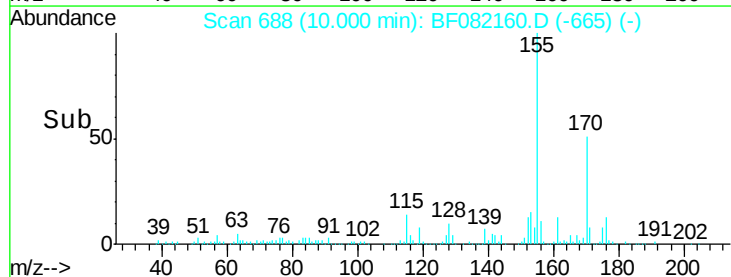
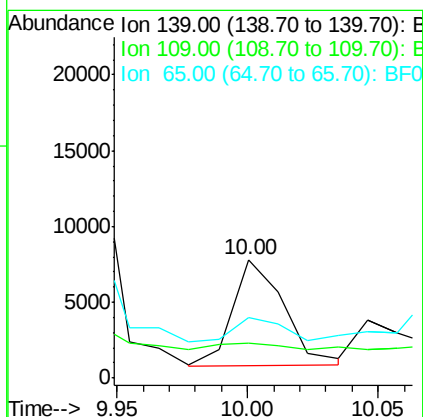
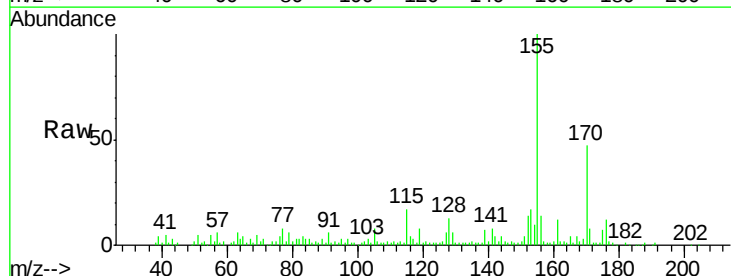
Instrument :
BNA_F
ClientSampleId :

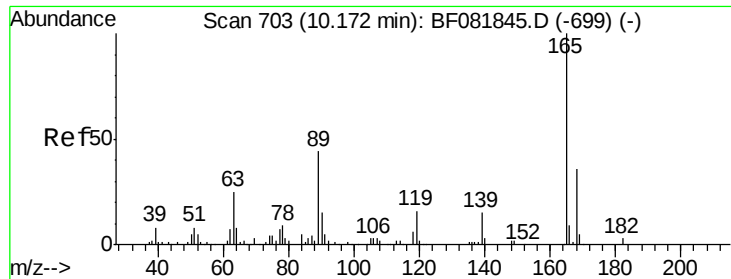
Tot Ion:168 Resp: 768892
Ion Ratio Lower Upper
168 100
139 33.0 24.2 36.2
169 13.9 10.6 15.8



#55
4-Nitrophenol
Concen: 4.85 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:139 Resp: 9751
Ion Ratio Lower Upper
139 100
109 29.4 12.7 52.7
65 50.7 45.9 85.9

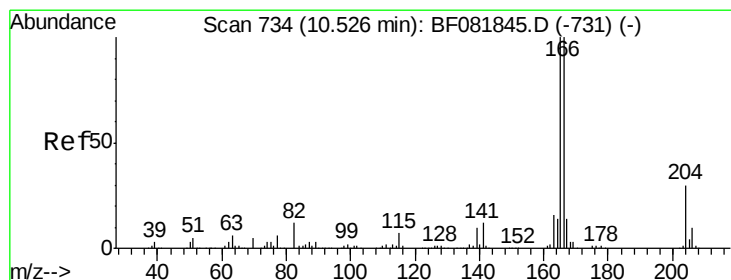
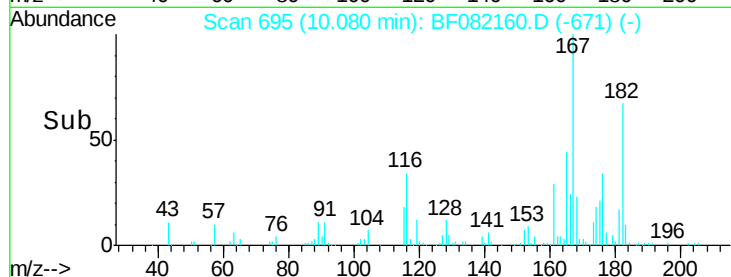
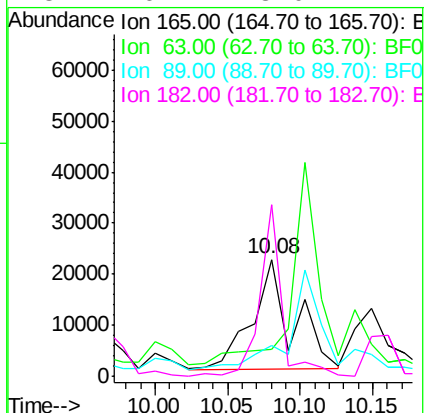
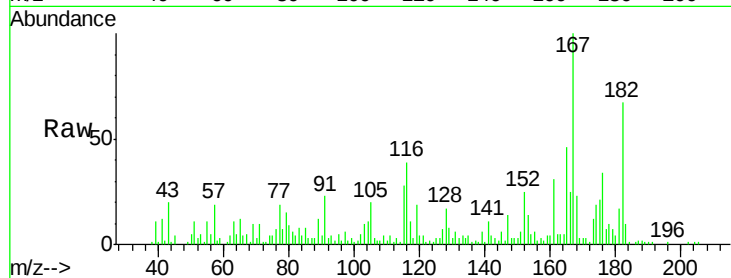




#56
2,4-Dinitrotoluene
Concen: 13.64 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

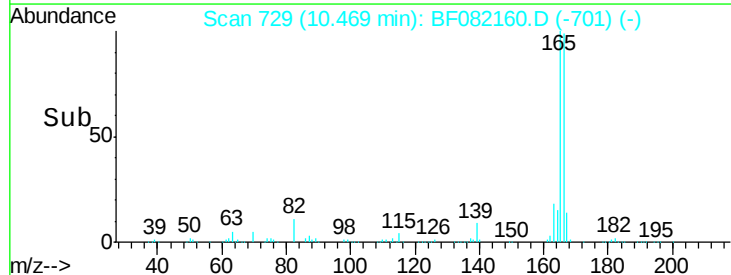
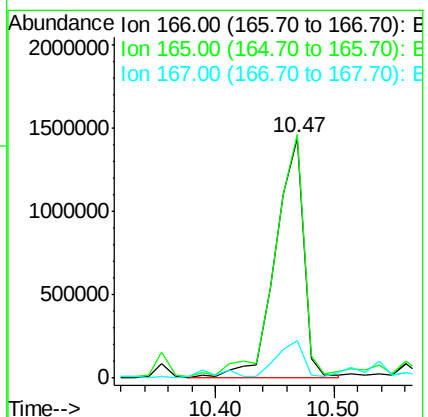
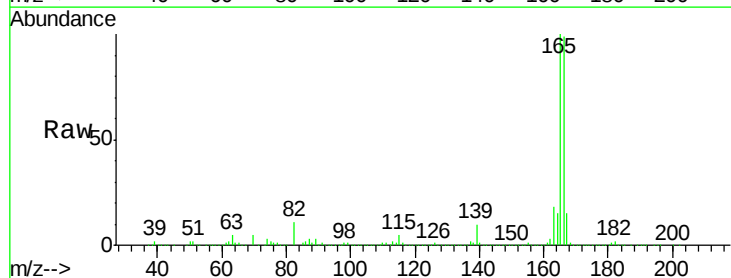
Instrument :
BNA_F
ClientSampleId :

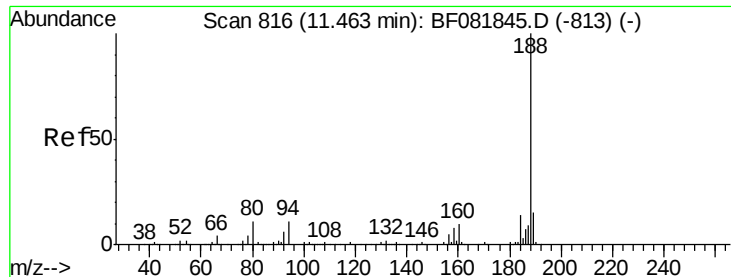
Tot Ion:165 Resp: 41797
Ion Ratio Lower Upper
165 100
63 23.5 29.8 44.6#
89 26.8 44.5 66.7#
182 146.4 3.0 4.4#



#57
Fluorene
Concen: 261.79 ng
RT: 10.47 min Scan# 729
Delta R.T. 0.02 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:166 Resp: 2348336
Ion Ratio Lower Upper
166 100
165 101.5 72.6 109.0
167 15.4 10.6 16.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 811

Delta R.T. 0.02 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

Instrument :
BNA_F
ClientSampleId :

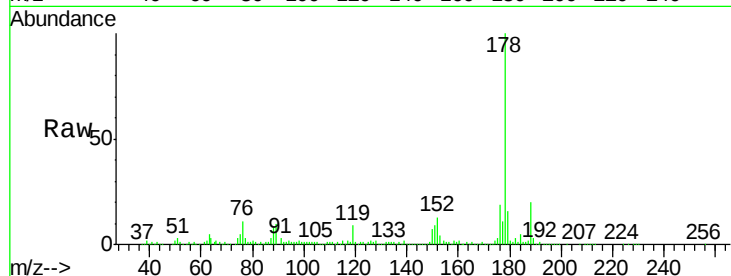
Tot Ion:188 Resp: 211567

Ion Ratio Lower Upper

188 100

94 9.0 11.1 16.7#

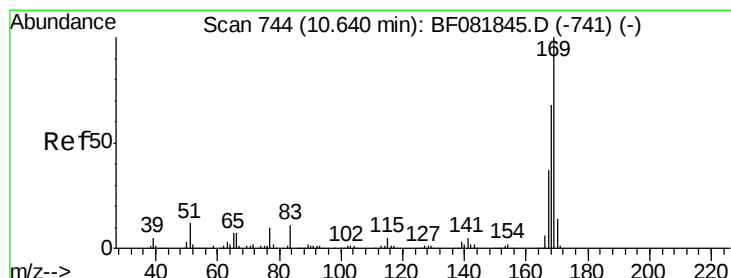
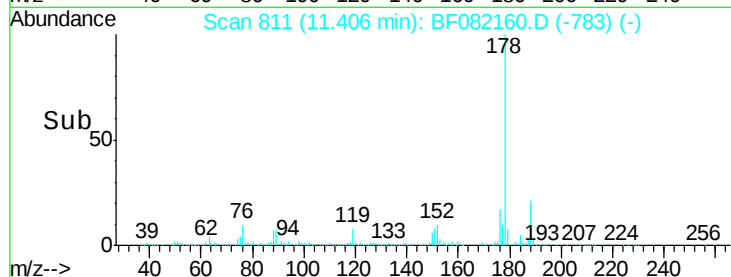
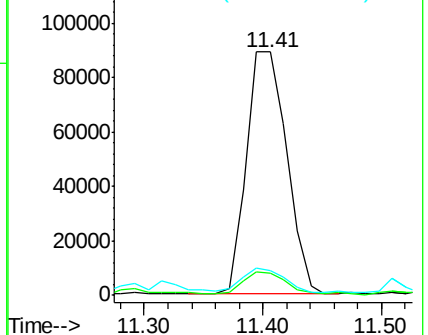
80 10.3 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#65

n-Nitrosodiphenylamine

Concen: 4.94 ng

RT: 10.50 min Scan# 732

Delta R.T. -0.07 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

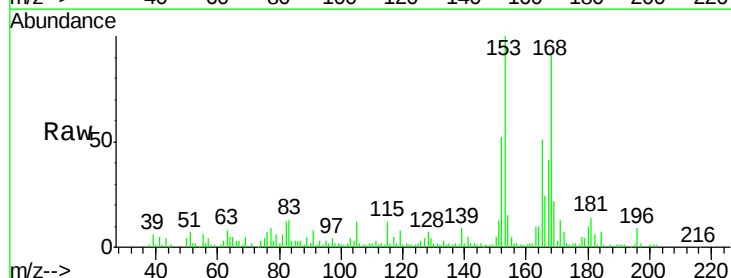
Tgt Ion:169 Resp: 31634

Ion Ratio Lower Upper

169 100

168 413.8 48.9 73.3#

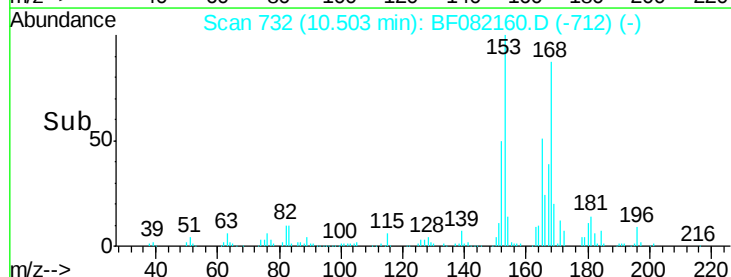
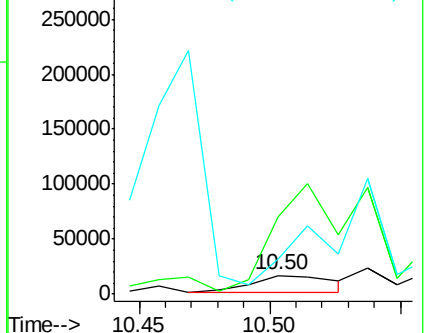
167 186.2 26.2 39.4#

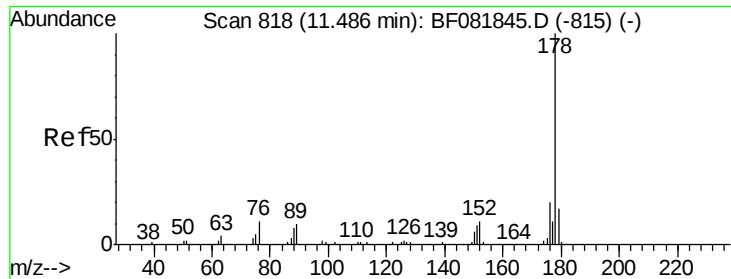


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 678.65 ng

RT: 11.45 min Scan# 815

Delta R.T. 0.03 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

Instrument :

BNA_F

ClientSampleId :

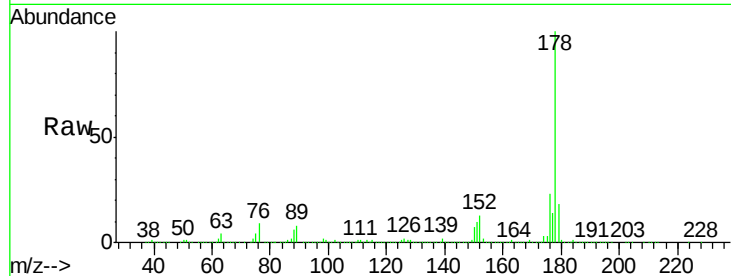
Tot Ion:178 Resp: 6670851

Ion Ratio Lower Upper

178 100

176 23.3 13.8 20.8#

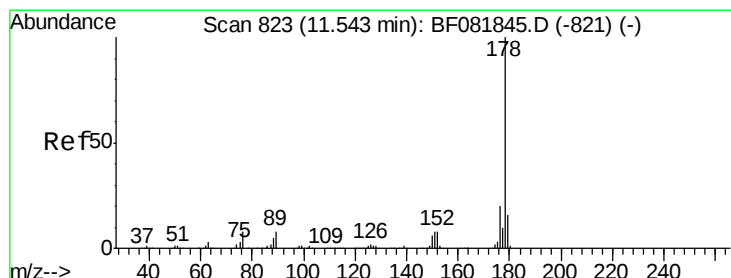
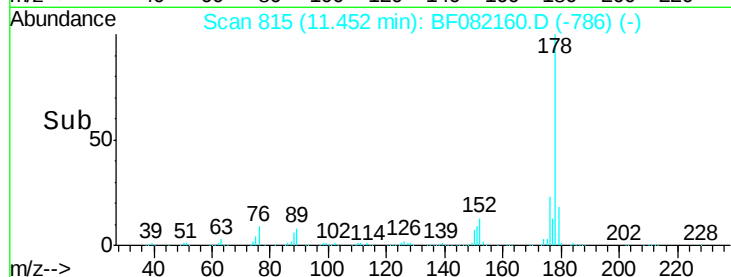
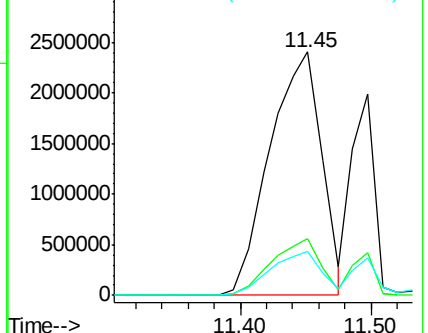
179 18.3 12.2 18.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 230.95 ng

RT: 11.50 min Scan# 819

Delta R.T. 0.03 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

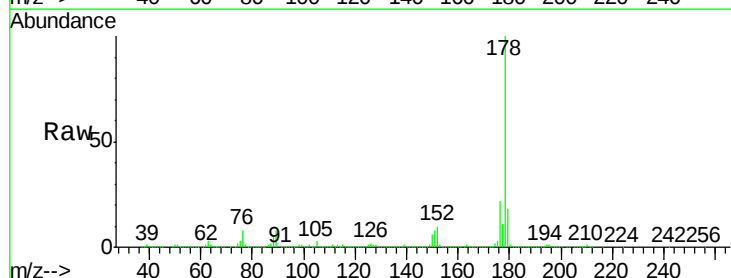
Tgt Ion:178 Resp: 2483448

Ion Ratio Lower Upper

178 100

176 21.5 14.1 21.1#

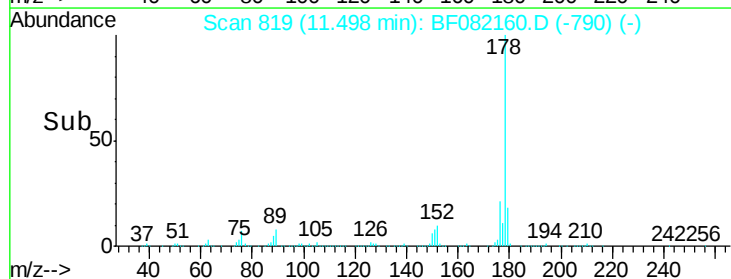
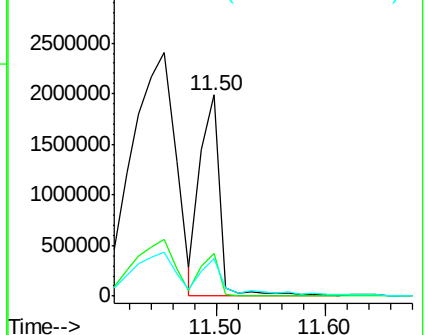
179 18.4 12.2 18.2#

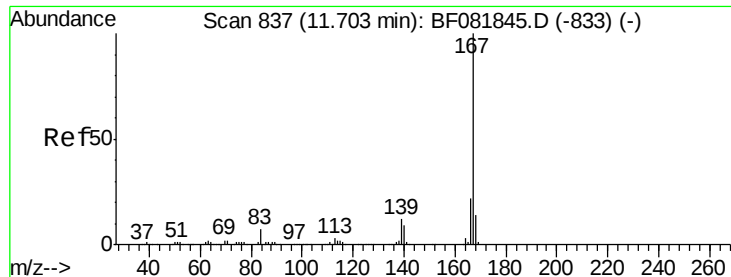


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 33.90 ng

RT: 11.63 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

Instrument :

BNA_F

ClientSampleId :

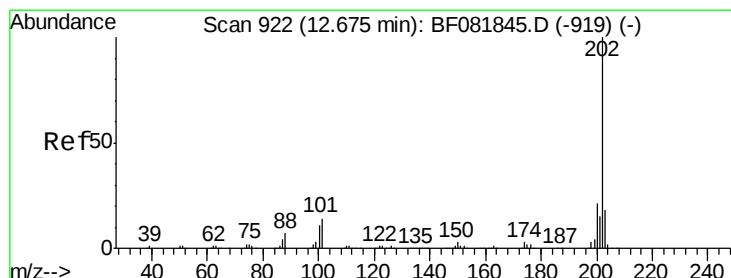
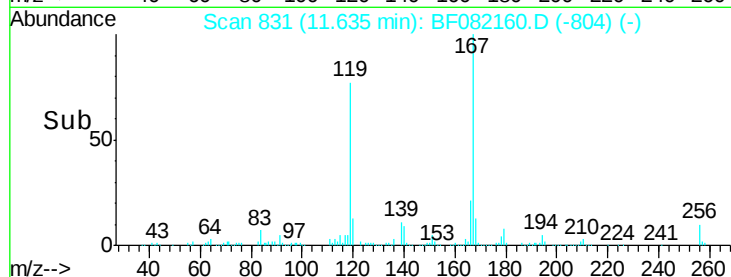
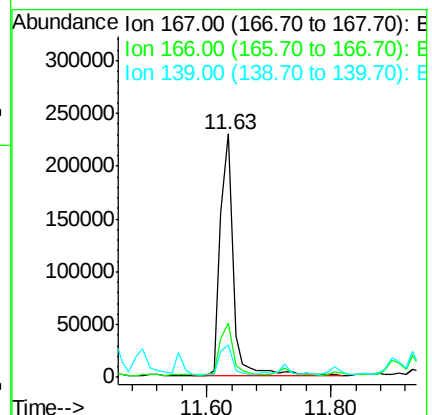
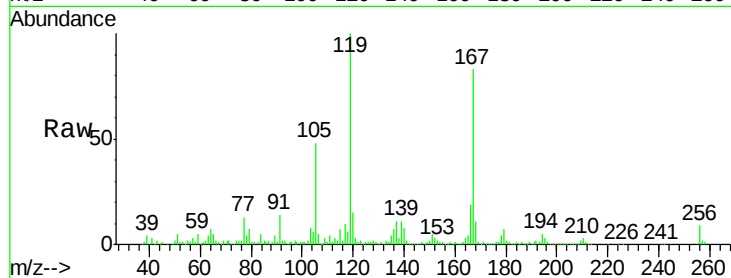
Tot Ion:167 Resp: 329953

Ion Ratio Lower Upper

167 100

166 22.3 15.7 23.5

139 13.1 9.5 14.3



#74

Fluoranthene

Concen: 298.02 ng

RT: 12.63 min Scan# 918

Delta R.T. 0.02 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

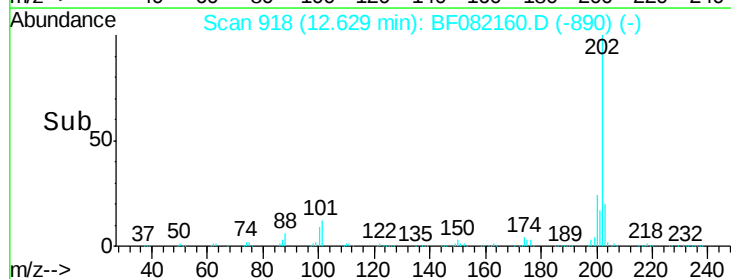
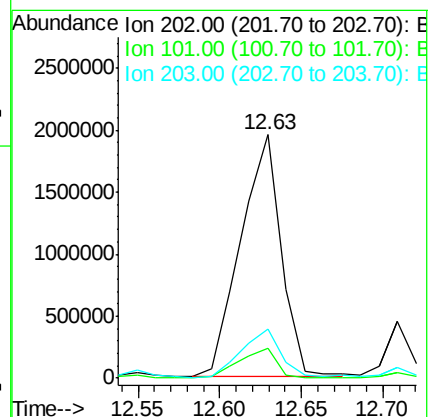
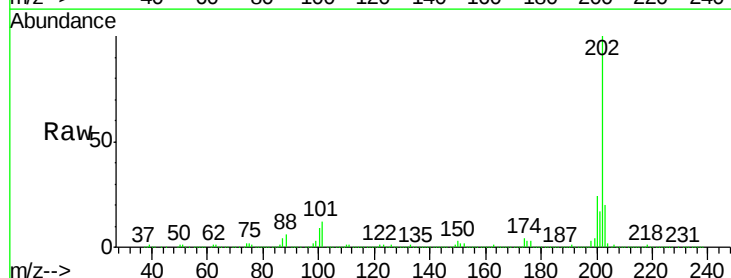
Tgt Ion:202 Resp: 3377610

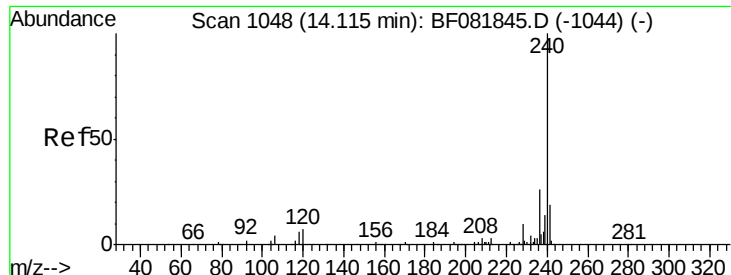
Ion Ratio Lower Upper

202 100

101 12.0 0.0 38.3

203 20.0 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

Instrument :

BNA_F

ClientSampleId :

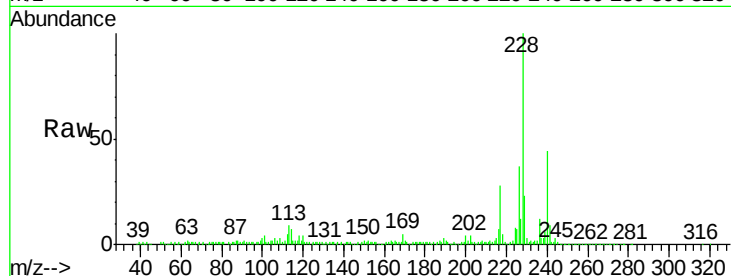
Tot Ion:240 Resp: 186841

Ion Ratio Lower Upper

240 100

120 9.1 16.2 24.2#

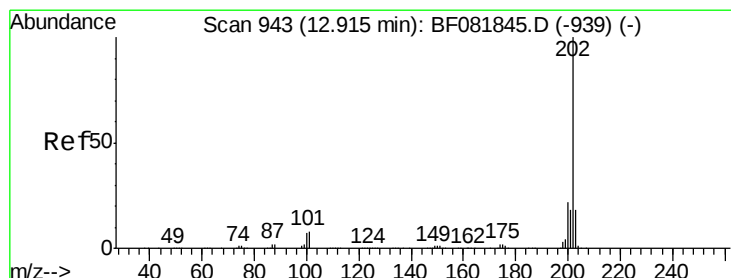
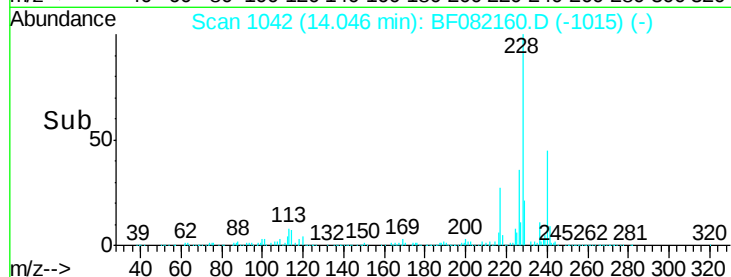
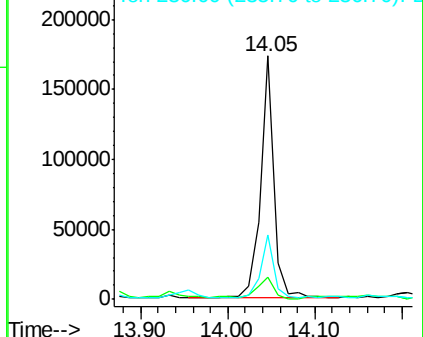
236 26.3 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 375.75 ng

RT: 12.87 min Scan# 939

Delta R.T. 0.03 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

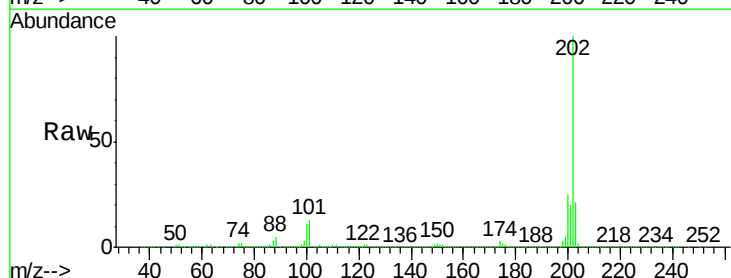
Tgt Ion:202 Resp: 4194077

Ion Ratio Lower Upper

202 100

200 25.0 15.0 22.4#

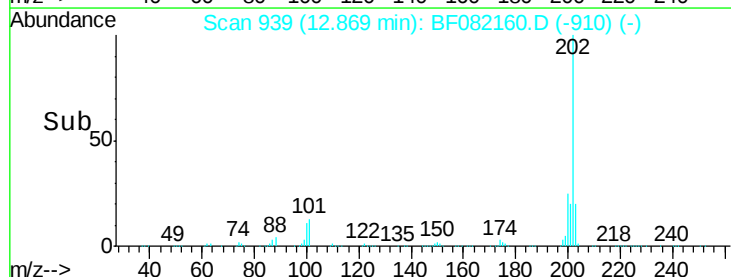
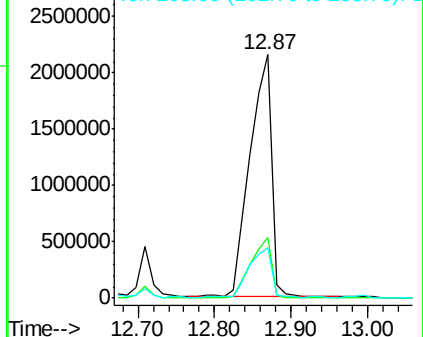
203 20.5 14.1 21.1

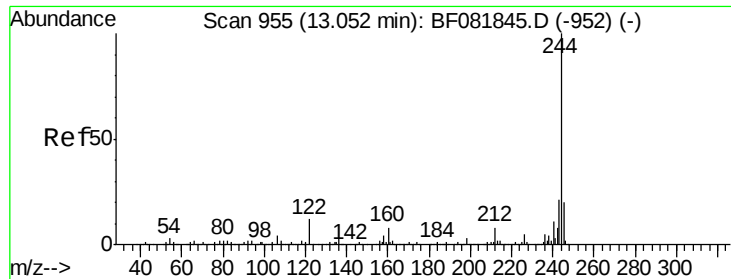


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 6.28 ng

RT: 12.97 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

Instrument :

BNA_F

ClientSampleId :

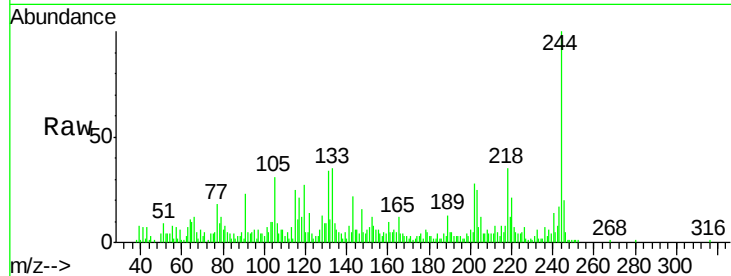
Tot Ion:244 Resp: 57488

Ion Ratio Lower Upper

244 100

212 8.3 4.3 6.5#

122 14.4 17.4 26.2#

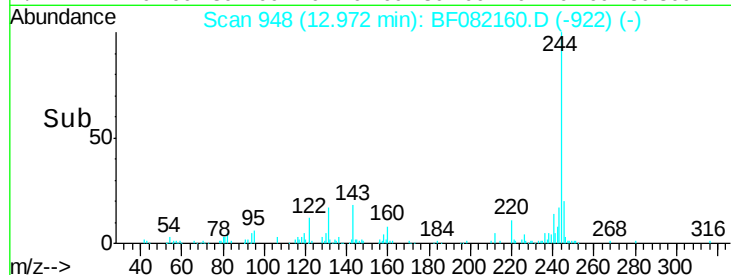


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



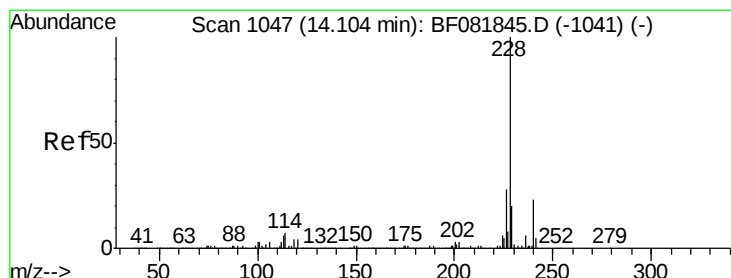
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#80

Benzo(a)anthracene

Concen: 188.58 ng

RT: 14.04 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

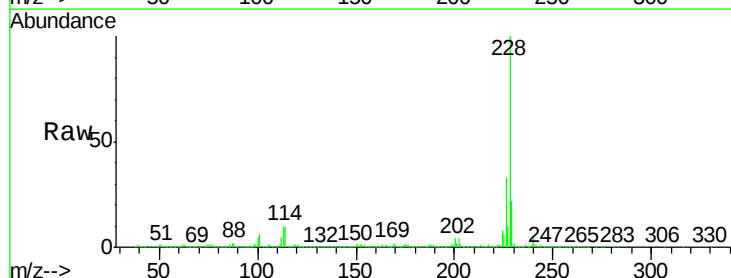
Tgt Ion:228 Resp: 1897330

Ion Ratio Lower Upper

228 100

226 33.3 20.0 30.0#

229 21.8 15.4 23.2

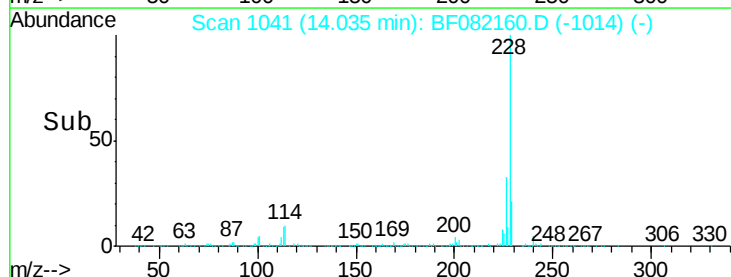


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



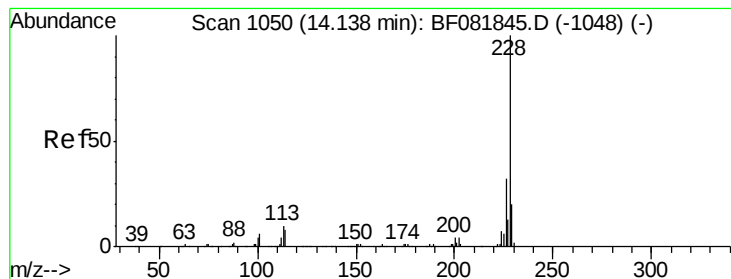
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



#82

Chrysene

Concen: Below Cal

RT: 14.07 min Scan# 1044

Delta R.T. 0.01 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

Instrument :

BNA_F

ClientSampled :

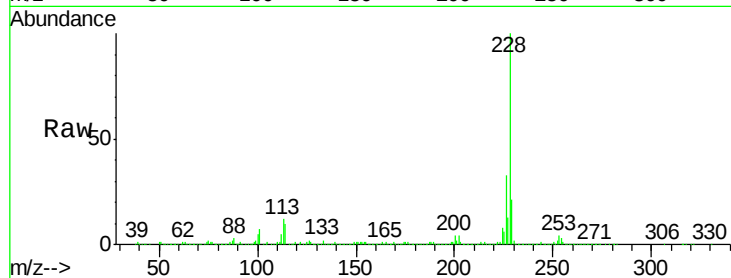
Tot Ion:228 Resp: 1166522

Ion Ratio Lower Upper

228 100

226 32.5 21.0 31.4#

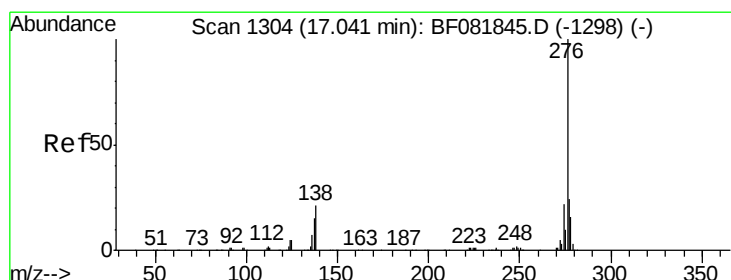
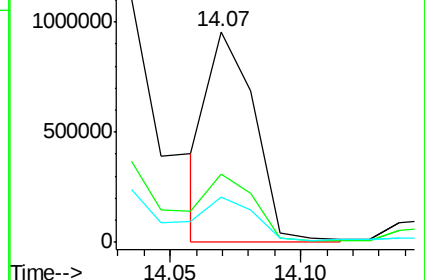
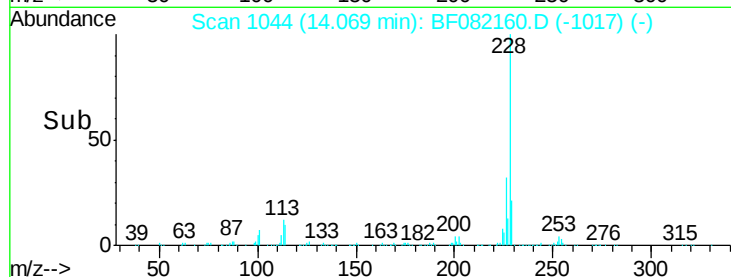
229 21.4 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 68.40 ng

RT: 16.92 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

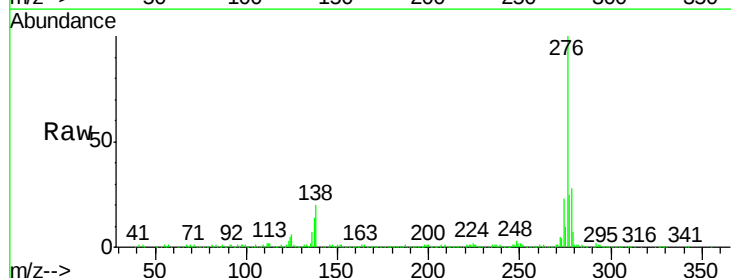
Tgt Ion:276 Resp: 538326

Ion Ratio Lower Upper

276 100

138 20.5 25.7 38.5#

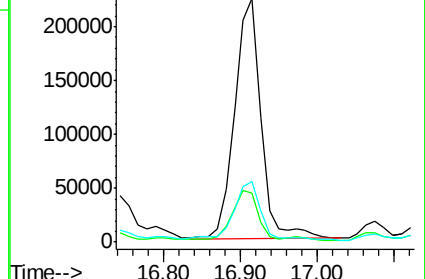
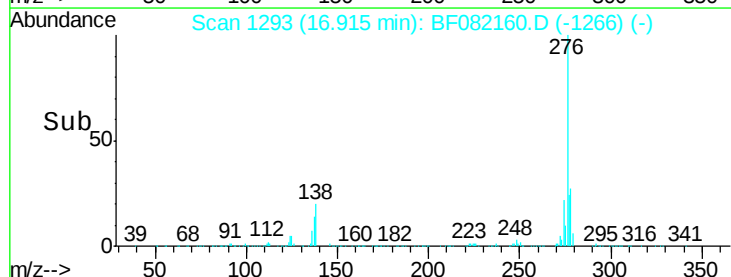
277 23.0 15.6 23.4

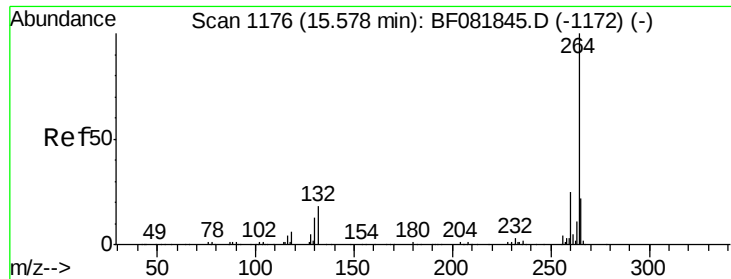


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

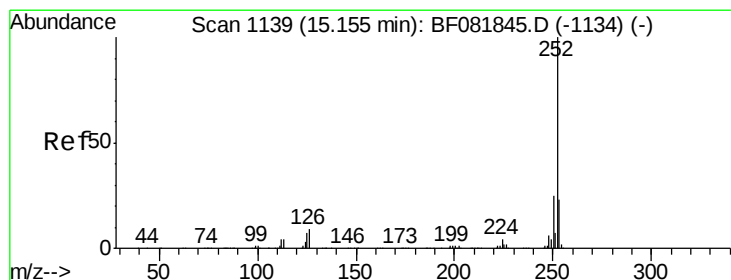
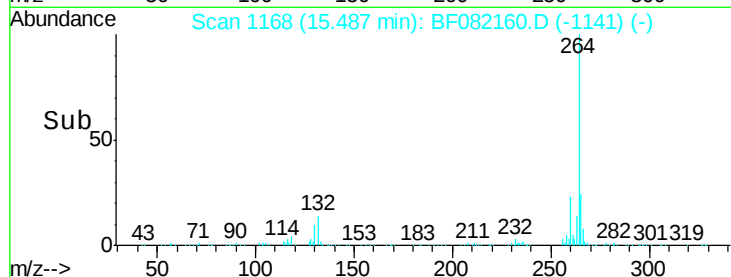
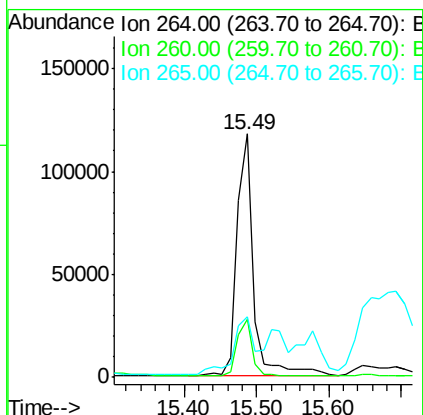
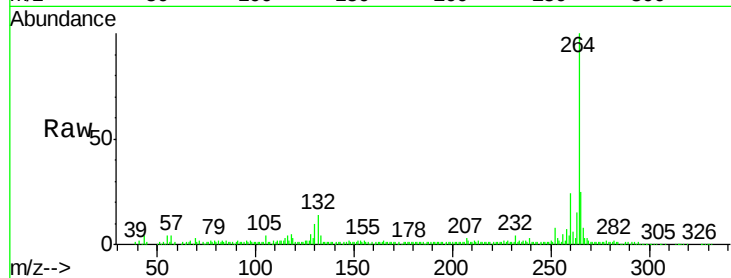




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

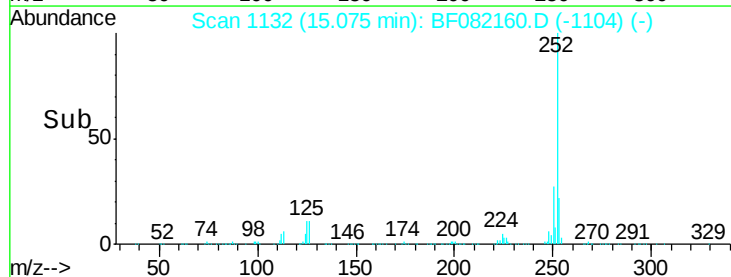
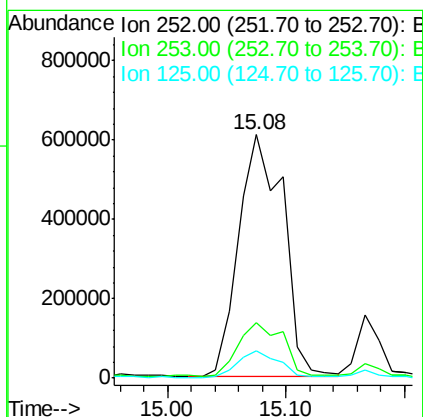
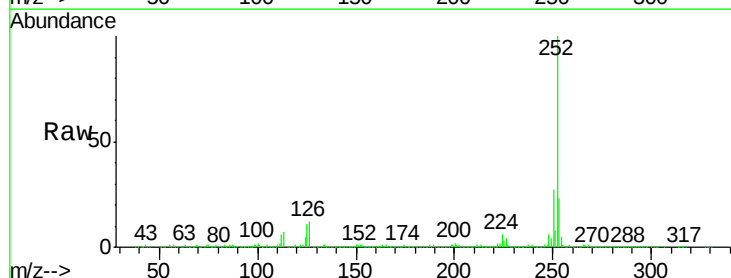
Instrument :
BNA_F
ClientSampleId :

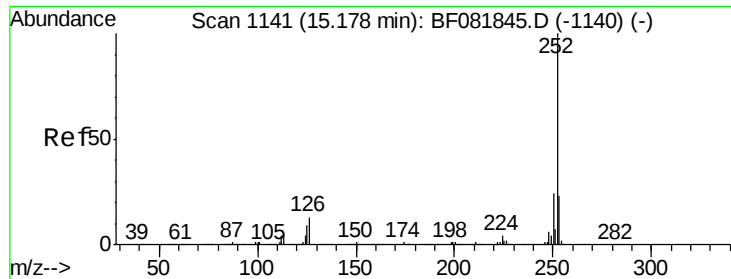
Tot Ion:264 Resp: 186700
Ion Ratio Lower Upper
264 100
260 23.6 16.7 25.1
265 24.7 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 149.97 ng
RT: 15.08 min Scan# 1132
Delta R.T. 0.02 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:252 Resp: 1598596
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 11.0 17.1 25.7#





#88

Benzo(k)fluoranthene

Concen: 163.63 ng

RT: 15.08 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

Instrument :

BNA_F

ClientSampleId :

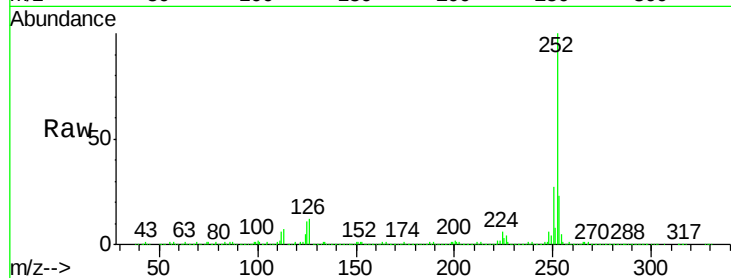
Tot Ion:252 Resp: 1598596

Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.4

125 11.0 16.0 24.0#

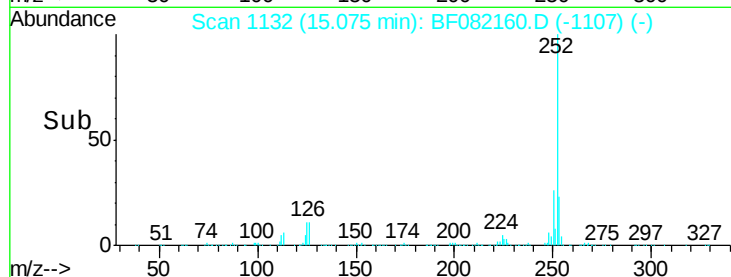


Abundance Ion 252.00 (251.70 to 252.70): E

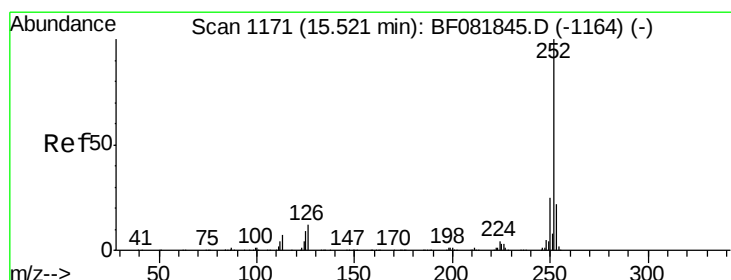
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->



#89

Benzo(a)pyrene

Concen: 103.15 ng

RT: 15.43 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF082160.D

Acq: 9 Oct 2015 22:46

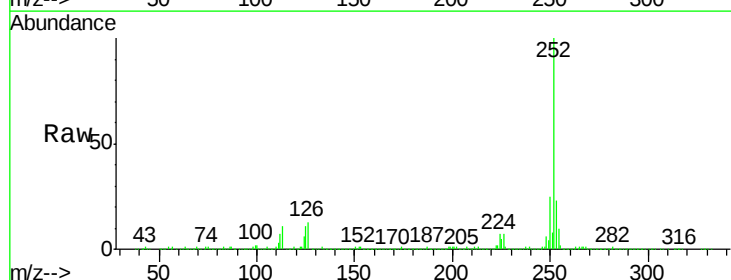
Tgt Ion:252 Resp: 953705

Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

125 10.7 18.0 27.0#

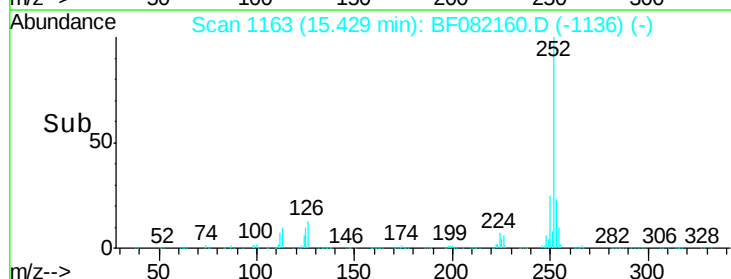


Abundance Ion 252.00 (251.70 to 252.70): E

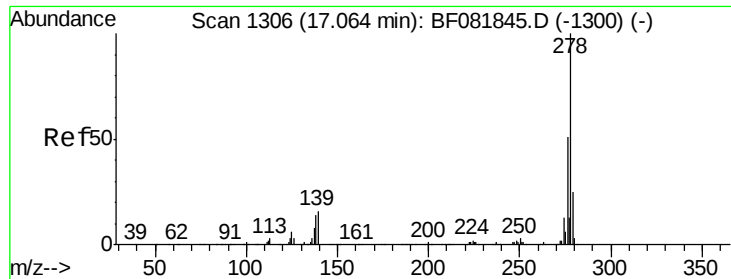
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



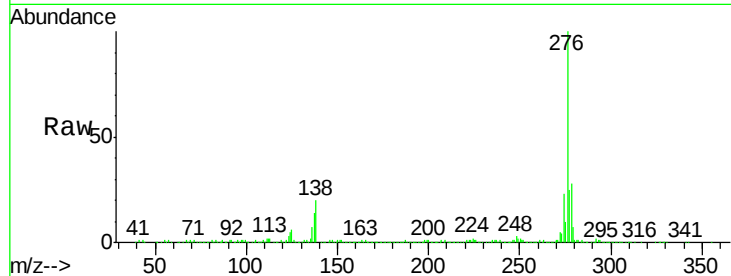
Time-->



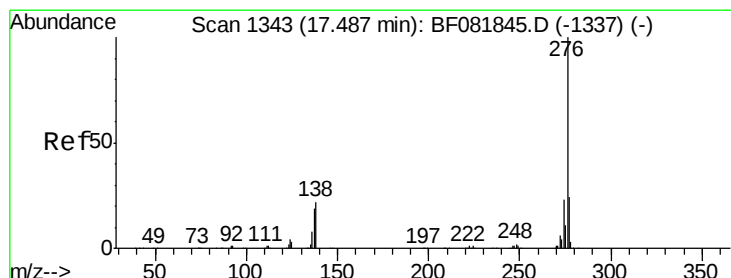
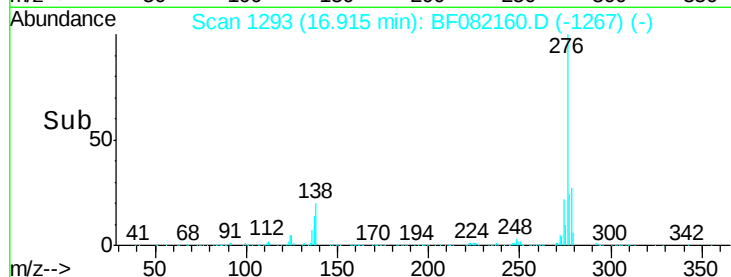
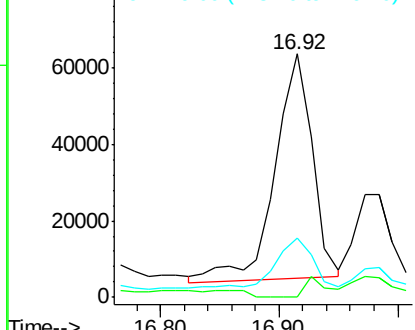
#90
Dibenzo(a,h)anthracene
Concen: 16.58 ng
RT: 16.92 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 128607
Ion Ratio Lower Upper
278 100
139 0.0 26.3 39.5#
279 24.5 18.2 27.4

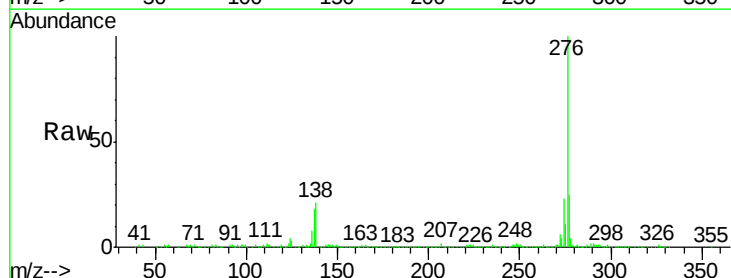


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 62.78 ng
RT: 17.35 min Scan# 1331
Delta R.T. 0.02 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:276 Resp: 499075
Ion Ratio Lower Upper
276 100
277 24.8 17.8 26.6
138 21.0 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

